EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown–Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1972	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1973	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1974	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1975	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1976	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1977	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1978	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1979	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1980	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1981	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1981								
January .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
March ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
April ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August ..	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
November.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1982								
January .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1972	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1973	214.57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1974	223.34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1975	232.63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1976	253.44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	262.28	[illegible]
1977	285.53	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1978	304.14	304.57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1979	331.57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1980	361.80	342.81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1981	397.10	390.90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1981								
January .	395.90	388.32	355.20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February.	382.63	382.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	464.06
March ...	390.00	386.08	352.64	[illegible]	[illegible]	[illegible]	[illegible]	471.65
April ...	394.06	389.80	350.47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
May	402.00	387.77	359.35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
June	404.07	394.30	[illegible]	[illegible]	[illegible]	[illegible]	409.29	483.14
July	400.98	387.26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August ..	400.32	387.23	356.47	[illegible]	[illegible]	413.55	396.96	491.57
September	399.31	399.40	367.09	[illegible]	[illegible]	397.55	418.50	485.06
October .	397.99	395.41	365.08	400.66	[illegible]	[illegible]	[illegible]	460.45
November.	404.21	398.40	370.29	401.64	[illegible]	415.88	411.07	471.06
December.	411.70	405.62	[illegible]	395.76	[illegible]	[illegible]	425.52	451.63
1982								
January .	394.79	395.79	367.72	389.27	353.92	398.00	419.20	459.39

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown–Warren includes Mahoning and Trumbull Counties.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

AKRON[b]

Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate
1970	276.2	262.7	[illegible]	4.9
1971	277.5	[illegible]	16.3	[illegible]
1972	282.2	267.4	[illegible]	5.3
1973	287.3	274.8	[illegible]	4.3
1974	290.3	277.4	13.0	[illegible]
1975	[illegible]	[illegible]	[illegible]	[illegible]
1976	[illegible]	283.5	[illegible]	[illegible]
1977	[illegible]	[illegible]	[illegible]	[illegible]
1978	297.9	280.1	[illegible]	[illegible]
1979	302.7	284.3	[illegible]	[illegible]
1980	309.1	277.1	[illegible]	[illegible]
1980				
December ...	[illegible]	[illegible]	[illegible]	[illegible]
1981				
January	[illegible]	[illegible]	[illegible]	[illegible]
February ...	[illegible]	[illegible]	[illegible]	[illegible]
March	298.1	[illegible]	[illegible]	[illegible]
April	[illegible]	[illegible]	[illegible]	[illegible]
May	306.8	[illegible]	[illegible]	[illegible]
June	[illegible]	[illegible]	[illegible]	[illegible]
July	305.8	[illegible]	[illegible]	[illegible]
August	306.8	274.8	[illegible]	[illegible]
September ..	[illegible]	[illegible]	[illegible]	[illegible]
October	305.1	[illegible]	[illegible]	[illegible]
November ...	303.0	[illegible]	[illegible]	[illegible]
December[p] ..	[illegible]	267.3	[illegible]	[illegible]

CANTON[c]

Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate
1970	162.6	[illegible]	[illegible]	[illegible]
1971	164.8	[illegible]	[illegible]	[illegible]
1972	165.6	155.3	10.3	[illegible]
1973	171.4	163.1	[illegible]	[illegible]
1974	176.4	[illegible]	[illegible]	[illegible]
1975	[illegible]	[illegible]	[illegible]	[illegible]
1976	[illegible]	[illegible]	[illegible]	[illegible]
1977	[illegible]	[illegible]	[illegible]	[illegible]
1978	[illegible]	[illegible]	[illegible]	[illegible]
1979	[illegible]	[illegible]	[illegible]	[illegible]
1980	[illegible]	[illegible]	[illegible]	[illegible]
1980				
December ...	184.1	[illegible]	[illegible]	[illegible]
1981				
January	[illegible]	[illegible]	[illegible]	[illegible]
February ...	[illegible]	[illegible]	[illegible]	[illegible]
March	[illegible]	[illegible]	[illegible]	[illegible]
April	[illegible]	[illegible]	[illegible]	[illegible]
May	[illegible]	[illegible]	[illegible]	[illegible]
June	[illegible]	[illegible]	[illegible]	[illegible]
July	[illegible]	[illegible]	[illegible]	[illegible]
August	[illegible]	[illegible]	[illegible]	[illegible]
September ..	[illegible]	[illegible]	[illegible]	[illegible]
October	[illegible]	[illegible]	[illegible]	[illegible]
November ...	[illegible]	[illegible]	[illegible]	[illegible]
December[p] ..	[illegible]	[illegible]	[illegible]	[illegible]

CINCINNATI[d]

Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate
1970	549.7	[illegible]	[illegible]	[illegible]
1971	558.2	[illegible]	[illegible]	[illegible]
1972	[illegible]	527.3	[illegible]	[illegible]
1973	[illegible]	[illegible]	[illegible]	[illegible]
1974	[illegible]	[illegible]	[illegible]	[illegible]
1975	595.9	[illegible]	[illegible]	[illegible]
1976	[illegible]	[illegible]	[illegible]	[illegible]
1977	[illegible]	584.8	34.8	[illegible]
1978	642.0	[illegible]	[illegible]	[illegible]
1979	[illegible]	[illegible]	35.1	[illegible]
1980	[illegible]	626.8	[illegible]	[illegible]
1980				
December ...	671.4	[illegible]	[illegible]	[illegible]
1981				
January	668.3	[illegible]	[illegible]	[illegible]
February ...	664.9	607.3	[illegible]	8.7
March	677.5	[illegible]	54.1	8.5
April	[illegible]	[illegible]	47.9	7.0
May	695.5	645.0	50.5	7.3
June	[illegible]	[illegible]	54.1	7.8
July	[illegible]	643.8	[illegible]	8.8
August	697.6	638.8	58.8	8.4
September ..	695.2	631.1	64.1	[illegible]
October	[illegible]	[illegible]	[illegible]	[illegible]
November ...	697.5	629.5	68.0	[illegible]
December[p] ..	691.6	622.6	69.0	10.0

CLEVELAND[e]

Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate
1970	[illegible]	[illegible]	[illegible]	[illegible]
1971	[illegible]	[illegible]	[illegible]	[illegible]
1972	[illegible]	[illegible]	[illegible]	[illegible]
1973	[illegible]	[illegible]	[illegible]	[illegible]
1974	[illegible]	[illegible]	[illegible]	[illegible]
1975	[illegible]	[illegible]	[illegible]	[illegible]
1976	[illegible]	[illegible]	[illegible]	[illegible]
1977	[illegible]	[illegible]	[illegible]	[illegible]
1978	[illegible]	[illegible]	[illegible]	[illegible]
1979	[illegible]	[illegible]	[illegible]	[illegible]
1980	[illegible]	[illegible]	[illegible]	[illegible]
1980				
December ...	[illegible]	[illegible]	[illegible]	[illegible]
1981				
January	[illegible]	855.5	[illegible]	[illegible]
February ...	[illegible]	[illegible]	[illegible]	[illegible]
March	[illegible]	[illegible]	[illegible]	[illegible]
April	955.3	[illegible]	[illegible]	[illegible]
May	951.4	[illegible]	77.4	[illegible]
June	952.0	[illegible]	[illegible]	7.6
July	[illegible]	[illegible]	85.0	[illegible]
August	961.0	[illegible]	80.1	8.3
September ..	[illegible]	855.0	83.4	8.9
October	[illegible]	856.3	80.3	8.6
November ...	945.5	857.7	87.9	9.3
December[p] ..	937.3	844.7	92.6	9.9

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In Thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1970	453.2	435.4	18.1	[illegible]	1970	353.8	331.8	[illegible]	6.2
1971	455.4	435.8	19.9	4.4	1971	349.7	[illegible]	25.7	6.7
1972	468.1	450.2	18.9	4.0	1972	355.6	335.3	[illegible]	[illegible]
1973	485.3	468.2	17.1	3.5	1973	[illegible]	343.4	[illegible]	[illegible]
1974	496.7	474.7	22.1	4.5	1974	[illegible]	[illegible]	[illegible]	[illegible]
1975	495.5	[illegible]	36.4	7.4	1975	354.5	[illegible]	[illegible]	9.7
1976	506.2	488.2	35.9	[illegible]	1976	359.1	[illegible]	[illegible]	[illegible]
1977	511.4	482.2	29.3	5.8	1977	[illegible]	[illegible]	[illegible]	[illegible]
1978	520.4	499.6	24.8	4.7	1978	[illegible]	355.7	[illegible]	[illegible]
1979	540.1	[illegible]	25.7	4.8	1979	366.8	[illegible]	[illegible]	[illegible]
1980	557.3	525.8	31.6	5.7	1980	[illegible]	[illegible]	[illegible]	[illegible]
1980					1980				
December ...	557.3	524.4	[illegible]	[illegible]	December ...	[illegible]	[illegible]	[illegible]	[illegible]
1981					1981				
January	570.4	538.2	[illegible]	[illegible]	January ...	372.5	[illegible]	[illegible]	[illegible]
February ...	568.1	[illegible]	[illegible]	[illegible]	February ..	373.6	347.3	[illegible]	[illegible]
March	562.0	[illegible]	41.1	7.3	March	385.5	[illegible]	30.8	[illegible]
April	566.6	[illegible]	34.1	6.0	April	395.3	364.6	30.8	[illegible]
May	579.5	542.8	37.8	6.5	May	[illegible]	353.4	[illegible]	[illegible]
June	[illegible]	[illegible]	40.9	7.0	June	378.1	354.7	[illegible]	[illegible]
July	588.7	[illegible]	[illegible]	[illegible]	July	[illegible]	354.1	31.1	[illegible]
August	579.5	534.8	[illegible]	[illegible]	August	[illegible]	[illegible]	[illegible]	[illegible]
September ..	577.8	532.3	[illegible]	[illegible]	September .	371.3	[illegible]	34.3	[illegible]
October	575.6	[illegible]	[illegible]	[illegible]	October ...	370.5	345.8	34.4	[illegible]
November ...	581.5	531.1	[illegible]	[illegible]	November ..	[illegible]	345.8	[illegible]	[illegible]
December[p] ..	574.1	524.9	49.2	[illegible]	December[p] .	[illegible]	355.5	29.4	[illegible]
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1970	315.8	298.4	17.4	5.5	1970	[illegible]	205.1	14.4	[illegible]
1971	313.3	[illegible]	[illegible]	6.0	1971	[illegible]	[illegible]	17.9	[illegible]
1972	329.4	311.3	18.1	5.5	1972	226.7	[illegible]	14.8	[illegible]
1973	339.8	[illegible]	15.6	4.6	1973	[illegible]	[illegible]	[illegible]	[illegible]
1974	345.8	329.2	[illegible]	[illegible]	1974	[illegible]	215.8	13.0	[illegible]
1975	344.8	310.2	34.6	10.0	1975	234.0	[illegible]	[illegible]	11.4
1976	347.3	318.5	28.8	8.3	1976	233.4	208.6	[illegible]	[illegible]
1977	355.9	330.5	25.4	[illegible]	1977	235.0	214.0	[illegible]	9.1
1978	361.2	338.8	22.4	6.2	1978	236.5	218.8	17.7	[illegible]
1979	366.4	340.1	26.3	[illegible]	1979	[illegible]	[illegible]	[illegible]	[illegible]
1980	367.5	329.3	38.2	10.4	1980	237.5	209.5	28.0	11.8
1980					1980				
December ...	364.2	[illegible]	36.3	10.0	December ..	[illegible]	[illegible]	[illegible]	[illegible]
1981					1981				
January	357.9	317.8	40.1	11.2	January ...	[illegible]	195.8	35.6	[illegible]
February ...	356.8	313.8	43.0	12.1	February ..	[illegible]	195.6	34.1	15.1
March	364.6	[illegible]	40.8	11.0	March	[illegible]	200.8	27.6	12.1
April	365.9	333.8	32.1	8.8	April	[illegible]	208.3	21.1	[illegible]
May	373.9	340.2	33.8	9.0	May	234.1	213.1	21.0	[illegible]
June	374.1	339.3	34.7	9.3	June	233.6	211.5	22.0	9.4
July	375.1	335.4	39.6	10.6	July	237.1	211.8	25.3	[illegible]
August	372.2	332.5	39.8	10.7	August	234.2	206.8	27.4	11.7
September ..	367.8	326.0	41.8	[illegible]	September .	231.0	205.2	25.8	[illegible]
October	372.7	331.1	41.6	11.2	October ...	230.2	204.8	25.4	11.0
November ...	371.5	329.3	42.2	11.4	November ..	235.1	205.7	29.4	12.5
December[p] ..	369.0	322.3	46.6	12.6	December[p] .	232.3	195.3	37.1	15.9

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary.

Division of Research and Statistics
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Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1971	4,412	4,125	[illegible]	[illegible]	[illegible]
1972	4,506	4,256	249	[illegible]	[illegible]
1973	4,613	4,417	196	[illegible]	[illegible]
1974	4,700	4,474	226	[illegible]	[illegible]
1975	4,711	4,289	[illegible]	[illegible]	[illegible]
1976	4,797	[illegible]	[illegible]	[illegible]	[illegible]
1977	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1978	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1979	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1980	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1981	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1981					
January ..	[illegible]	4,559	[illegible]	[illegible]	[illegible]
February..	5,062	[illegible]	[illegible]	[illegible]	[illegible]
March ...	5,054	4,548	[illegible]	[illegible]	[illegible]
April ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
May	5,197	[illegible]	414	[illegible]	[illegible]
June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August ..	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	5,134	[illegible]	[illegible]	[illegible]	[illegible]
October ..	5,111	[illegible]	[illegible]	[illegible]	[illegible]
November ..	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December..	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1982[b]					
January ..	[illegible]	4,594	[illegible]	11.8	[illegible]

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1971	[illegible]	[illegible]	[illegible]
1972	[illegible]	[illegible]	[illegible]
1973	4,112.1	[illegible]	[illegible]
1974	[illegible]	[illegible]	[illegible]
1975	[illegible]	[illegible]	[illegible]
1976	[illegible]	[illegible]	[illegible]
1977	[illegible]	[illegible]	[illegible]
1978	[illegible]	[illegible]	[illegible]
1979	[illegible]	[illegible]	[illegible]
1980	[illegible]	[illegible]	[illegible]
1981	[illegible]	[illegible]	[illegible]
1981			
January ..	[illegible]	[illegible]	[illegible]
February..	[illegible]	[illegible]	[illegible]
March ...	[illegible]	[illegible]	[illegible]
April ...	[illegible]	[illegible]	[illegible]
May	[illegible]	[illegible]	[illegible]
June	[illegible]	[illegible]	[illegible]
July	[illegible]	[illegible]	[illegible]
August ..	[illegible]	[illegible]	[illegible]
September	[illegible]	[illegible]	[illegible]
October ..	[illegible]	[illegible]	[illegible]
November..	[illegible]	[illegible]	[illegible]
December..	[illegible]	[illegible]	[illegible]
1982			
January ..	[illegible]	[illegible]	[illegible]

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Service	Government
1971	30.8	155.2	209.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1972	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1973	[illegible]	175.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1974	[illegible]	178.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1975	26.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1976	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1977	30.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1978	[illegible]	176.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1979	31.6	[illegible]	238.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1980	30.7	167.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1981	30.3	[illegible]	218.4	[illegible]	715.3	[illegible]	[illegible]	[illegible]
1981								
January ..	30.6	135.2	214.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February.	30.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
March ...	[illegible]	[illegible]	218.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
April ...	[illegible]	[illegible]	[illegible]	[illegible]	713.5	[illegible]	[illegible]	[illegible]
May	[illegible]	155.6	[illegible]	[illegible]	[illegible]	[illegible]	650.3	[illegible]
June	31.6	161.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July	32.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	864.7	[illegible]
August ..	32.4	167.2	220.7	[illegible]	[illegible]	207.3	[illegible]	696.7
September	32.6	[illegible]	221.2	[illegible]	[illegible]	[illegible]	871.1	[illegible]
October .	31.8	[illegible]	[illegible]	291.4	[illegible]	[illegible]	870.0	[illegible]
November.	32.4	161.3	220.5	291.1	728.1	[illegible]	864.3	686.9
December.	[illegible]	[illegible]	220.1	291.2	[illegible]	206.3	[illegible]	688.6
1982								
January .	[illegible]	126.3	[illegible]	[illegible]	692.5	[illegible]	[illegible]	[illegible]

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures.

[b] Labor force estimates geared to 1980 Census.

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EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1971	1,333.8	936.1	397.7	958.1	$160.7	39.0
1972	1,346.8	948.8	398.0	977.6	181.0	40.7
1973	1,426.3	1,018.2	408.1	1,045.0	210.4	44.2
1974	1,416.6	1,013.1	403.5	1,026.5	217.0	42.3
1975	1,267.5	892.4	375.1	899.3	201.9	36.2
1976	1,295.3	910.6	384.6	922.0	232.8	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,364.5	982.6	382.0	867.0	301.9	35.2
1981	1,232.5	858.9	373.6	847.6	330.4	34.7
1981						
January .	1,229.4	856.4	373.0	841.9	317.3	34.6
February.	1,225.8	853.9	371.9	839.1	314.1	34.1
March ...	1,239.4	867.6	371.8	852.5	325.3	34.9
April ...	1,243.3	870.4	373.0	858.6	332.3	35.2
May	1,247.2	873.3	373.9	861.9	337.1	35.6
June	1,256.2	879.3	376.9	869.0	345.4	36.0
July	1,241.7	867.2	374.4	854.5	331.7	34.7
August ..	1,236.9	860.2	376.7	851.4	335.3	34.8
September	1,252.9	872.6	380.3	868.0	344.5	35.6
October .	1,232.0	858.2	373.8	848.8	334.0	34.3
November.	1,211.9	841.1	370.8	830.6	331.0	33.8
December.	1,173.8	807.0	366.8	794.3	316.3	32.4
1982						
January .	1,169.7	806.3	363.4	791.5	309.0	31.3

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1971	$167.68	$171.36	$158.77	40.7	40.8	40.4	$4.12	$4.20	$3.93
1972	185.12	190.19	172.60	41.6	41.8	40.9	4.45	4.55	4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1981									
January .	376.89	387.98	347.27	41.1	41.1	41.0	9.17	9.44	8.47
February.	374.33	386.24	343.36	40.6	40.7	40.3	9.22	9.49	8.52
March ...	381.60	395.38	348.39	40.9	41.1	40.7	9.33	9.62	8.56
April ...	387.04	398.93	354.14	41.0	41.0	40.8	9.44	9.73	8.68
May	391.11	403.65	357.93	41.3	41.4	41.0	9.47	9.75	8.73
June	397.44	411.27	359.98	41.4	41.5	41.0	9.60	9.91	8.78
July	388.14	400.49	357.62	40.6	40.7	40.5	9.56	9.84	8.83
August ..	393.87	406.72	360.45	40.9	41.0	40.5	9.63	9.92	8.90
September	396.88	408.59	365.79	41.0	40.9	41.1	9.68	9.99	8.90
October .	393.50	405.21	364.41	40.4	40.4	40.4	9.74	10.03	9.02
November.	398.45	410.26	367.43	40.7	40.7	40.6	9.79	10.08	9.05
December.	398.21	409.22	372.91	40.8	40.8	40.8	9.76	10.03	9.14
1982									
January .	390.46	399.74	368.28	39.6	39.5	39.9	9.86	10.12	9.23

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not aud to totals due to rounding.

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EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1971	69.7	190.5	160.9	200.9	[illegible]	155.8	[illegible]	[illegible]	59.7
1972	73.3	190.3	[illegible]	205.1	124.3	[illegible]	78.1	[illegible]	[illegible]
1973	73.3	173.9	171.2	210.9	130.1	167.2	76.4	67.7	[illegible]
1974	72.2	172.1	172.7	207.7	131.8	162.9	76.6	67.9	[illegible]
1975	66.0	151.5	150.9	201.7	119.3	145.8	73.5	64.0	[illegible]
1976	66.3	158.6	157.3	206.0	124.5	149.0	73.8	64.1	[illegible]
1977	67.1	[illegible]	164.5	210.7	130.9	151.0	74.4	65.4	[illegible]
1978	68.3	153.9	170.9	214.7	132.2	164.0	74.6	66.8	[illegible]
1979	69.0	159.9	175.5	220.1	131.5	155.8	73.9	67.6	[illegible]
1980	64.5	139.4	157.6	211.4	[illegible]	139.1	72.9	67.4	[illegible]
1981	61.2	137.9	154.6	203.5	[illegible]	134.9	70.5	66.3	[illegible]
1981									
January .	60.7	136.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February.	[illegible]	[illegible]	155.0	[illegible]	[illegible]	133.0	[illegible]	[illegible]	[illegible]
March ...	[illegible]	137.1	154.6	[illegible]	[illegible]	135.5	[illegible]	[illegible]	[illegible]
April ...	[illegible]	[illegible]	155.3	[illegible]	[illegible]	141.5	[illegible]	[illegible]	[illegible]
May	[illegible]	[illegible]	157.3	[illegible]	[illegible]	[illegible]	69.7	[illegible]	[illegible]
June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	137.5	[illegible]	[illegible]	[illegible]
July	[illegible]	139.9	[illegible]	[illegible]	[illegible]	[illegible]	70.7	66.3	[illegible]
August ..	[illegible]	[illegible]	155.7	[illegible]	135.5	[illegible]	70.8	[illegible]	[illegible]
September	62.8	[illegible]	[illegible]	204.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October .	[illegible]	135.5	[illegible]	[illegible]	[illegible]	[illegible]	71.2	[illegible]	[illegible]
November.	60.4	130.3	[illegible]	[illegible]	[illegible]	130.4	[illegible]	[illegible]	[illegible]
December.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1982									
January .	[illegible]	[illegible]	147.4	[illegible]	[illegible]	125.7	[illegible]	[illegible]	[illegible]
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1971	$167.86	[illegible]	$173.40	[illegible]	[illegible]	$198.55	$169.49	[illegible]	[illegible]
1972	175.14	[illegible]	[illegible]	[illegible]	184.82	[illegible]	173.45	[illegible]	[illegible]
1973	[illegible]	[illegible]	[illegible]	[illegible]	176.23	241.01	188.54	[illegible]	[illegible]
1974	[illegible]	[illegible]	213.02	[illegible]	[illegible]	244.90	[illegible]	211.14	197.92
1975	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	213.31
1976	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1977	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1978	274.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	295.18	[illegible]
1979	299.34	395.43	329.98	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1980	315.89	[illegible]	349.54	[illegible]	[illegible]	414.89	[illegible]	[illegible]	329.61
1981	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	466.08	[illegible]	[illegible]	[illegible]
1981									
January .	[illegible]	469.56	379.63	[illegible]	[illegible]	[illegible]	352.79	[illegible]	[illegible]
February.	[illegible]	468.54	[illegible]	377.73	343.48	[illegible]	351.51	[illegible]	355.37
March ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	347.24	[illegible]	367.04
April ...	337.77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	353.63	[illegible]	370.71
May	[illegible]	488.04	394.15	396.46	[illegible]	[illegible]	364.50	344.42	366.80
June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	357.62	348.31	375.84
July	347.57	490.38	364.71	[illegible]	[illegible]	465.03	360.51	346.94	363.60
August ..	355.42	485.48	387.09	392.55	364.67	468.92	361.84	351.16	372.64
September	360.14	504.00	384.80	391.14	364.50	476.69	378.88	364.09	359.96
October .	356.65	475.61	[illegible]	[illegible]	[illegible]	477.02	368.93	356.45	374.54
November.	361.37	488.09	391.76	[illegible]	369.15	476.10	378.84	363.65	371.08
December.	359.31	476.80	397.29	403.94	[illegible]	475.86	379.61	368.16	396.75
1982									
January .	353.81	475.19	377.72	[illegible]	365.71	462.84	369.87	364.62	368.69

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO*
JANUARY 1982

Industry	Employment (in thousands)			Percent Change From[1]	
	January 1982	December 1981	January 1981	December 1981	January 1981
TOTAL	[illegible]	[illegible]	[illegible]	- [illegible]	- [illegible]
MANUFACTURING	[illegible]	[illegible]	1225.4	- [illegible]	- 4.[illegible]
Durable goods	[illegible]	[illegible]	855.8	- .[illegible]	- [illegible]
Lumber and wood products	[illegible]	13.3	13.3	- 4.4	- [illegible]
Furniture and fixtures	13.[illegible]	13.2	14.3	- 5.7	- 8.1
Household furniture	[illegible]	[illegible]	6.9	- 11.[illegible]	- 11.[illegible]
Stone, clay, and glass products	[illegible]	[illegible]	60.[illegible]	- 3.7	- 7.5
Glass and glassware, pressed or blown	16.3	16.6	16.8	- 1.8	- 3.5
Structural clay products	[illegible]	5.2	[illegible]	- 7.6	- 29.0
Pottery and related products	[illegible]	[illegible]	6.7	- [illegible]	- 12.7
Primary metal industries	[illegible]	[illegible]	189.3	1.1	- 8.7
Blast furnaces and basic steel products	[illegible]	68.[illegible]	71.5	- .7	- [illegible]
Iron and steel foundries	[illegible]	[illegible]	28.0	2.1	- [illegible]
Nonferrous rolling and drawing	[illegible]	[illegible]	20.8	- 10.1	- 17.[illegible]
Nonferrous foundries	[illegible]	[illegible]	9.7	- 9.0	- 10.1
Fabricated metal products	145.4	148.1	159.2	- 1.[illegible]	- [illegible]
Cutlery, hand tools, and hardware	[illegible]	12.1	13.3	- 3.3	- 10.8
Plumbing and heating, except electric	4.8	5.6	5.3	- 6.0	- 13.5
Fabricated structural metal products	34.9	[illegible]	36.6	- 2.5	- 4.7
Screw machine products, bolts, etc.	[illegible]	10.2	10.5	- 2.2	- 5.0
Metal forgings and stampings	[illegible]	47.1	48.4	- 3.6	- [illegible]
Machinery, except electrical	[illegible]	[illegible]	208.2	- 1.0	- 5.9
Construction and related machinery	[illegible]	[illegible]	25.2	- .8	- 3.7
Metalworking machinery	52.4	[illegible]	55.[illegible]	- 2.2	- 6.0
Special industry machinery	[illegible]	21.4	22.2	- .9	- 5.5
General industrial machinery	[illegible]	[illegible]	33.[illegible]	- 3.8	- 5.8
Electric and electronic equipment	[illegible]	[illegible]	102.7	.[illegible]	- 4.4
Electrical industrial apparatus	[illegible]	[illegible]	25.8	- .6	- 4.0
Household appliances	16.3	[illegible]	18.[illegible]	[illegible]	- 11.[illegible]
Electric lighting and wiring equipment	[illegible]	[illegible]	[illegible]	1.1	.[illegible]
Communication equipment	11.[illegible]	11.9	12.0	- .3	- [illegible]
Transportation equipment	[illegible]	[illegible]	130.4	8.2	- [illegible]
Motor vehicles and equipment	[illegible]	75.5	88.6	12.0	- 4.5
Aircraft and parts	[illegible]	36.3	38.[illegible]	- 1.4	- 6.6
Instruments and related products	21.2	21.2	21.[illegible]	- .1	.5
Measuring and controlling devices	12.8	12.6	13.1	1.1	- 2.3
Nondurable goods†	365.4	366.8	373.[illegible]	- .[illegible]	- 2.[illegible]
Food and kindred products	60.7	[illegible]	[illegible]	- 1.[illegible]	- 1.8
Meat products	11.1	11.8	11.6	- 5.4	- 4.0
Dairy products	11.4	11.6	11.6	- 1.5	- 2.3
Bakery products	11.3	11.4	11.9	- .8	- 4.8
Beverages	10.7	10.7	10.6	- .6	.5
Textile mill products	4.5	4.6	4.9	- 1.9	- 8.4
Apparel and other textile products	17.0	17.2	16.7	- 1.1	2.3
Paper and allied products	36.8	37.0	38.2	- .6	- 3.7
Paper mills, except building paper	9.4	9.4	9.6	.8	- 2.5
Misc. converted paper products	11.7	11.8	11.7	- .6	.4
Paperboard containers and boxes	12.2	12.3	13.2	- .5	- 7.3
Printing and publishing	65.6	66.0	66.7	- .5	- 1.6
Newspapers	19.5	19.6	19.7	- .6	- .7
Commercial printing	24.5	24.8	25.5	- .9	- 3.7
Chemicals and allied products	67.5	67.8	67.5	- .3	.1
Industrial inorganic chemicals	13.1	13.1	12.8	.0	2.3
Plastics materials and synthetics	9.5	9.6	9.8	- .5	- 2.5
Petroleum and coal products	13.9	14.0	14.0	- 1.2	- .8
Rubber and misc. plastics products	83.9	84.8	89.9	- 1.1	- 6.6
Tires and inner tubes	23.5	23.6	25.4	- .7	- 7.4
Miscellaneous plastics products	41.1	41.8	44.2	- 1.5	- 6.9
Leather and leather products	5.3	5.3	5.5	.2	- 3.4

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]

JANUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1982	December 1981	January 1981	Jan. 1982	Dec. 1981	Jan. 1981	Jan. 1982	Dec. 1981	Jan. 1981
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANUFACTURING	$[illegible]	$[illegible]	$[illegible]	[illegible]	[illegible]	[illegible]	$[illegible]	$[illegible]	$[illegible]
Durable Goods[b]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Lumber and wood products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Furniture and fixtures	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Household furniture	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Stone, clay, and glass products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Glass and glassware, pressed or blown	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Structural clay products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pottery and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Primary metal industries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Blast furnace and basic steel products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Iron and steel foundries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nonferrous rolling and drawing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nonferrous foundries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cutlery, handtools, and hardware	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Plumbing and heating, except electric	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated structural metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Screw machine products, bolts, etc.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metal forgings and stampings	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Construction and related machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Special industry machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General industrial machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical industrial apparatus	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Household appliances	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric lighting and wiring equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aircraft and parts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Instruments and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Measuring and controlling devices	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods[b]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Meat products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dairy products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bakery products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Beverages	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.44	[illegible]
Textile mill products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and other textile products	[illegible]	211.84	[illegible]	[illegible]	37.1	36.8	5.76	5.71	5.41
Paper and allied products	[illegible]	[illegible]	357.47	[illegible]	42.7	43.7	[illegible]	[illegible]	8.18
Paper mills, except building paper	[illegible]	480.48	[illegible]	[illegible]	46.2	[illegible]	10.58	10.40	9.47
Misc. converted paper products	[illegible]	[illegible]	[illegible]	[illegible]	41.8	41.4	[illegible]	[illegible]	7.44
Paperboard containers and boxes	[illegible]	336.17	324.86	40.7	40.6	42.3	8.35	8.28	7.68
Printing and publishing	364.62	368.16	336.93	38.3	39.0	37.9	9.52	9.44	8.89
Newspapers	[illegible]	[illegible]	301.92	[illegible]	34.0	30.4	9.59	9.87	[illegible]
Commercial printing	385.04	383.51	357.24	39.9	40.2	39.3	9.65	9.54	9.09
Chemicals and allied products	407.71	398.52	371.49	41.1	41.0	41.6	9.92	9.72	8.93
Industrial inorganic chemicals	438.06	434.50	401.86	41.8	41.9	41.6	10.48	10.37	9.66
Plastics materials and synthetics	437.14	426.72	404.55	42.4	42.0	42.9	10.31	10.16	9.43
Petroleum and coal products	557.48	524.55	509.35	44.0	42.2	42.2	12.67	12.43	12.07
Rubber and misc. plastics products	368.63	386.75	358.11	39.3	41.1	41.4	9.38	9.41	8.65
Tires and inner tubes	512.13	523.84	482.61	42.5	43.4	43.4	12.05	12.07	11.12
Miscellaneous plastics products	337.55	363.71	343.10	37.8	40.1	40.7	8.93	9.07	8.43
Leather and leather products	179.32	191.35	179.04	35.3	37.3	37.3	5.08	5.13	4.80

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JANUARY 1982 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1982[b]	December 1981[c]	January 1981[c]	December 1981	January 1981
NONMANUFACTURING	[illegible]	[illegible]	[illegible]	- 1.3	- .3
MINING	31.2	[illegible]	30.[illegible]	- 1.4	3.7
Bituminous coal and lignite mining	14.2	14.3	14.8	- .7	- 4.0
CONSTRUCTION	125.9	147.[illegible]	135.8	- 14.9	- 8.7
General building contractors	33.5	[illegible]	33.4	- 13.6	- 2.0
Heavy construction contractors	13.3	18.[illegible]	17.5	- 25.5	- 3.4
TRANSPORTATION AND PUBLIC UTILITIES	2[illegible]	2[illegible].1	214.3	- 2.8	- .8
Railroad transportation	24.7	[illegible]	26.8	- 3.1	- 7.8
Transportation, except railroads	[illegible]	98.[illegible]	98.7	- 5.1	.1
Trucking and warehousing	[illegible]	71.4	69.8	- 6.6	.2
Communication, electric, gas, sanitary services	[illegible]	96.8	96.8	- .1	1.[illegible]
Communication	[illegible]	55.4	54.[illegible]	- .2	1.9
Electric, gas, and sanitary services	[illegible]	41.[illegible]	42.4	[illegible]	1.5
WHOLESALE TRADE	[illegible]	251.8	[illegible]	- 1.6	- .2
Wholesale trade-durable goods	14[illegible]	[illegible]	148.1	- 1.1	- .6
Motor vehicles & automotive equipment	20.4	[illegible]	21.[illegible]	- 1.5	- 4.[illegible]
Electrical goods	14.4	14.5	14.3	- 1.8	.3
Machinery, equipment, and supplies	52.[illegible]	52.[illegible]	52.[illegible]	- .8	.1
Wholesale trade-nondurable goods	91.[illegible]	93.8	90.7	- 2.4	.6
Groceries and related products	26.[illegible]	26.8	25.7	- .5	.9
RETAIL TRADE	[illegible]	7[illegible]	700.[illegible]	- 9.0	- 1.1
General merchandise stores	117.8	133.[illegible]	128.3	- 12.1	- 8.1
Department stores	10[illegible]	123.4	111.[illegible]	- 13.[illegible]	- 9.[illegible]
Food stores	126.1	130.4	126.5	- 3.3	- .4
Automotive dealers & service stations	70.4	71.6	75.[illegible]	- 1.7	- 6.7
Apparel and accessory stores	34.8	[illegible]	35.[illegible]	- 11.4	- 1.8
FINANCE, INSURANCE, AND REAL ESTATE	204.1	[illegible]	203.2	- .8	.5
Banking	58.0	[illegible]	58.[illegible]	- .4	.0
Credit agencies other than banks	30.9	[illegible]	31.[illegible]	1.1	- .3
Insurance carriers	[illegible]	[illegible]	48.2	.0	1.6
SERVICES	901.8	[illegible]	875.6	- 1.9	2.9
Hotels and other lodging places	71.5	71.2	69.2	- 4.9	3.6
Laundry, cleaning, & garment services	17.0	17.6	17.2	- 3.4	- 1.3
Business services	126.4	128.7	121.6	- 1.8	4.0
Health services	304.[illegible]	305.4	[illegible]	.2	5.7
Hospitals	168.7	168.3	1[illegible]	.2	5.1
GOVERNMENT	675.[illegible]	686.6	[illegible]	- 1.[illegible]	- 2.6
Federal government	88.[illegible]	89.1	90.2	- .6	- 1.9
State government	140.4	147.[illegible]	141.5	- 5.0	- .8
State government, except education	71.6	72.2	71.9	- .9	- .4
State government education[1]	68.8	75.[illegible]	69.6	- 9.0	- 1.1
Local government	446.5	451.[illegible]	461.8	- 1.1	- 3.3
Local government, except education	184.1	185.2	193.1	- .6	- 4.6
Local government education	262.4	266.4	268.7	- 1.5	- 2.4

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [1] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JANUARY 1982 (Continued)

Industry	Average weekly Earnings			Average weekly Hours			Average hourly Earnings		
	January 1982[b]	December 1981[c]	January 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$[illegible]	$[illegible]	$[illegible]	[illegible]	44.9	[illegible]	$[illegible]	$[illegible]	$[illegible]
Bituminous coal and lignite mining	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.2	12.55	[illegible]	[illegible]
CONSTRUCTION	[illegible]	[illegible]	[illegible]	[illegible]	34.2	37.6	14.15	[illegible]	[illegible]
General building contractors	[illegible]	[illegible]	[illegible]	[illegible]	36.5	[illegible]	[illegible]	[illegible]	[illegible]
Heavy construction contractors	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.65	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication, electric, gas and sanitary services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric, gas, and sanitary services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wholesale trade—durable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles & automotive equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, equipment, and supplies	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wholesale trade—nondurable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Groceries and related products	[illegible]	[illegible]	[illegible]	[illegible]	40.1	41	[illegible]	[illegible]	[illegible]
RETAIL TRADE[f]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.34	[illegible]	[illegible]
General merchandise stores	[illegible]	[illegible]	[illegible]	[illegible]	31.1	[illegible]	[illegible]	[illegible]	[illegible]
Department stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Automotive dealers & service stations	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and accessory stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	[illegible]	[illegible]	[illegible]	....	....	....	....	....	....
Credit agencies other than banks	[illegible]	[illegible]	[illegible]	....	....	....	....	....	....
Insurance carriers	[illegible]	[illegible]	[illegible]	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	[illegible]	[illegible]	[illegible]	33.5	33.5	34.1	[illegible]	[illegible]	[illegible]
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
JANUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1982[b]	December 1981[c]	January 1981[c]	December 1981	January 1981
TOTAL	250.3	[illegible]	250.6	- 3.2	- .1
MANUFACTURING	73.5	74.3	74.8	- 1.1	- 1.7
Durable Goods[e]	36.5	37.4	36.1	- 1.7	1.2
Stone, clay, and glass products	1.7	1.8	1.9	- 9.3	- 11.0
Fabricated metal products	13.4	13.8	13.3	- 2.6	1.1
Machinery, except electrical	10.7	10.7	10.6	- .6	.1
Special industry machinery	7.6	[illegible]	8.2	- .7	- 7.1
Nondurable Goods[f]	37.0	37.2	38.7	- .4	- 4.4
Food and kindred products	2.8	2.8	3.0	- 1.1	- 7.4
Chemicals and allied products	3.8	[illegible]	3.6	[illegible]	5.3
Rubber and misc. plastics products	25.2	25.3	27.0	- .3	- 6.5
Tires and inner tubes	19.3	19.4	21.1	- .7	- 8.4
NONMANUFACTURING[g]	176.7	184.3	175.8	- 4.1	.5
CONSTRUCTION	6.0	7.3	6.2	- 18.1	- 3.8
TRANSPORTATION AND PUBLIC UTILITIES	13.5	13.9	13.6	- 3.0	- 1.1
Communication, electric, gas services ..	5.5	5.5	5.4	.1	1.8
WHOLESALE TRADE	12.1	12.1	12.0	- .3	1.4
RETAIL TRADE	44.2	46.8	43.6	- 5.6	1.4
FINANCE, INSURANCE, AND REAL ESTATE	9.1	9.1	9.2	- .2	- .6
SERVICES	51.3	51.5	49.7	- .5	3.1
GOVERNMENT	42.0	44.8	43.0	- 6.2	- 2.5
State government (includes education) ..	12.3	14.8	12.4	- 16.8	- .4
Local government (includes education) ..	27.5	27.8	28.6	- 1.0	- 3.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43215

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
JANUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1982[b]	December 1981[c]	January 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$394.79	$411.70	$385.98	40.7	42.4	42.0	$ 9.70	$ 9.71	$ 9.19
Durable Goods[d]	380.84	407.98	370.35	40.3	42.9	41.8	9.45	9.51	8.86
Stone, clay, and glass products	356.09	358.57	335.78	40.1	40.7	40.8	8.88	8.81	8.23
Fabricated metal products	359.79	410.45	374.22	37.4	42.8	39.6	9.62	9.59	9.45
Machinery, except electrical	384.22	408.27	383.08	41.9	43.9	44.7	9.17	9.30	8.57
Special industry machinery	361.47	377.58	340.05	41.5	43.3	42.4	8.71	8.72	8.02
Nondurable Goods[e]	414.00	415.75	402.59	41.4	41.7	42.2	10.00	9.97	9.54
Food and kindred products	420.63	415.58	374.69	44.7	44.4	44.5	9.41	9.36	8.42
Chemicals and allied products	395.34	387.13	399.86	40.3	40.2	43.7	9.81	9.63	9.15
Rubber and misc. plastics products	431.18	438.23	419.76	41.7	42.3	42.4	10.34	10.36	9.90
Tires and inner tubes	538.59	546.92	502.30	43.4	44.0	44.1	12.41	12.43	11.39
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	498.48	512.26	507.00	37.2	38.4	39.0	13.40	13.34	13.00
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	428.28	413.10	380.97	41.3	40.5	40.4	10.37	10.20	9.43
WHOLESALE TRADE	278.63	281.60	262.58	37.4	37.9	38.0	7.45	7.43	6.91
RETAIL TRADE[f]	173.75	177.98	161.87	29.6	30.9	30.2	5.87	5.76	5.36
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Date relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
JANUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1982[b]	December 1981[c]	January 1981[c]	December 1981	January 1981
TOTAL	152.8	157.0	154.4	- 2.6	- 1.0
MANUFACTURING	52.8	54.0	54.6	- 2.2	- 3.4
Durable Goods[e]	41.2	42.1	42.6	- 2.2	- 3.3
Stone, clay, and glass products	2.1	2.1	2.0	- .2	5.1
Primary metal industries	13.2	13.2	13.9	.2	- 5.0
Fabricated metal products	9.0	9.8	10.1	- 7.9	- 10.4
Fabricated structural metal products	3.4	3.4	3.5	- 1.7	- 4.9
Metal forgings and stampings	2.1	2.8	3.0	- 25.0	- 29.8
Nondurable Goods[f]	11.6	11.8	12.0	- 2.2	- 3.8
Food and kindred products	4.3	4.4	4.3	- 3.1	- .1
Rubber and misc. plastics products	2.8	2.8	3.1	- 2.4	- 9.9
NONMANUFACTURING[g]	100.1	103.0	99.7	- 2.9	.3
CONSTRUCTION	4.3	5.1	4.2	- 16.4	2.1
TRANSPORTATION AND PUBLIC UTILITIES	7.0	7.2	7.0	- 3.0	.1
Communication, electric, gas services	3.1	3.1	3.0	- .8	2.0
WHOLESALE TRADE	7.3	7.3	7.3	.4	.5
RETAIL TRADE	25.3	26.6	25.1	- 4.7	1.0
FINANCE, INSURANCE, AND REAL ESTATE	6.3	6.3	6.3	.3	.0
SERVICES	29.7	30.1	29.1	- 1.2	2.1
GOVERNMENT	18.7	19.0	19.4	- 1.7	- 3.6
Local government (includes education)	15.7	15.9	16.2	- 1.3	- 3.2

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chamicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
JANUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1982[b]	December 1981[c]	January 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$395.79	$405.62	$368.02	39.5	40.2	39.7	$10.02	$10.09	$ 9.27
Durable Goods[d]	402.43	412.17	374.62	39.3	39.9	39.6	10.24	10.33	9.46
Stone, clay, and glass products	268.27	274.63	236.59	41.4	41.8	40.1	6.48	6.57	5.90
Primary metal industries	464.89	464.13	440.82	38.2	38.2	39.5	12.17	12.15	11.16
Fabricated metal products	400.39	423.55	386.86	40.2	40.3	39.8	9.96	10.51	9.72
Fabricated structural metal products	461.26	444.53	340.61	45.4	44.1	38.1	10.16	10.08	8.94
Metal forgings and stampings	422.54	493.54	473.41	39.9	41.3	41.6	10.59	11.95	11.38
Nondurable Goods[e]	370.98	377.98	337.95	40.5	41.4	39.9	9.16	9.13	8.47
Food and kindred products	415.01	461.81	390.25	39.3	42.8	39.7	10.56	10.79	9.83
Rubber and misc. plastics products	368.18	361.49	342.65	44.9	44.3	44.5	8.20	8.16	7.70
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	463.64	491.95	454.64	33.5	35.7	36.4	13.84	13.78	12.49
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	427.25	423.12	387.69	41.4	41.2	41.2	10.32	10.27	9.41
WHOLESALE TRADE	290.69	301.50	276.05	38.4	40.2	39.1	7.57	7.50	7.06
RETAIL TRADE[f]	141.34	148.30	136.61	28.1	29.9	28.7	5.03	4.96	4.76
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
JANUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1982[b]	December 1981[c]	January 1981[c]	December 1981	January 1981
TOTAL	576.8	596.2	585.9	- 3.3	- 1.6
MANUFACTURING	152.4	156.7	158.3	- 2.7	- 3.7
Durable Goods[e]	83.7	87.1	87.9	- 3.8	- 4.7
Furniture and fixtures	2.4	2.4	2.6	.3	- 7.2
Primary metal industries	2.5	2.5	2.2	- .8	14.4
Fabricated metal products	13.4	13.8	14.7	- 2.9	- 9.1
Fabricated structural metal products	4.4	4.5	5.0	- 2.4	- 11.5
Machinery, except electrical	25.2	25.6	25.1	- 1.6	.3
Metalworking machinery	13.2	13.4	13.1	- 1.7	.7
General industrial machinery	3.7	3.8	3.7	- 2.3	1.7
Electric and electronic equipment	8.5	8.6	8.4	- .9	2.0
Transportation equipment	21.4	23.4	25.4	- 8.5	- 15.6
Motor vehicles and equipment	6.7	7.9	8.8	- 15.8	- 23.9
Nondurable Goods[f]	68.7	69.7	70.5	- 1.4	- 2.5
Food and kindred products	16.7	17.0	17.0	- 2.3	- 1.8
Meat products	2.3	2.5	2.5	- 9.0	- 10.4
Bakery products	2.5	2.6	2.8	- 4.4	- 10.5
Beverages	5.1	5.1	4.9	- 1.2	3.2
Apparel and other textile products	3.9	3.9	3.7	.1	6.3
Paper and allied products	6.2	6.3	6.5	- 1.3	- 4.5
Printing and publishing	11.8	11.8	12.2	- .5	- 3.7
Chemicals and allied products	21.9	22.2	22.2	- 1.1	- 1.2
Rubber and misc. plastics products	4.0	4.2	4.5	- 4.5	- 9.6
NONMANUFACTURING[g]	424.4	439.5	427.6	- 3.4	- .8
CONSTRUCTION	18.9	21.7	20.6	- 12.8	- 8.2
TRANSPORTATION AND PUBLIC UTILITIES	32.8	33.4	32.9	- 1.8	- .4
Communication, electric, gas services	14.3	14.3	14.2	.2	1.3
WHOLESALE TRADE	37.6	38.2	38.2	- 1.5	- 1.6
RETAIL TRADE	98.8	105.5	99.8	- 6.4	- 1.0
FINANCE, INSURANCE, AND REAL ESTATE	31.9	32.6	32.2	- 2.3	- .9
Banking	7.4	7.5	7.4	- .5	.2
Insurance carriers	11.3	11.4	11.2	- .6	1.2
SERVICES	120.8	123.7	118.9	- 2.4	1.6
GOVERNMENT	83.3	84.1	84.7	- .9	- 1.7
Federal government	12.8	12.6	13.5	1.7	- 5.2
State government (includes education)	18.4	18.5	18.7	- .4	- 1.4
Local government	52.1	53.0	52.6	- 1.7	- .9
Local government, except education	21.5	21.7	22.5	- 1.1	- 4.4
Local government education	30.6	31.3	30.1	- 2.2	1.7

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
JANUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1982[b]	December 1981[c]	January 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$367.72	$374.83	$355.28	40.1	41.1	41.7	$ 9.17	$ 9.12	$ 8.52
Durable Goods[d]	347.90	367.02	348.61	39.4	41.1	41.7	8.83	8.93	8.36
Furniture and fixtures	248.16	268.22	231.91	35.2	38.1	35.9	7.05	7.04	6.46
Primary metal industries	309.75	335.62	302.22	36.7	39.3	39.3	8.44	8.54	7.69
Fabricated metal products	349.27	361.15	332.11	39.6	40.9	40.9	8.82	8.83	8.12
Fabricated structural metal products	307.60	340.42	294.17	40.0	43.2	40.8	7.69	7.88	7.21
Machinery, except electrical	327.17	352.97	324.73	38.4	40.9	41.9	8.52	8.63	7.75
Metalworking machinery	349.68	378.80	366.61	37.6	40.6	43.8	9.30	9.33	8.37
General industrial machinery	331.04	343.31	277.68	38.9	40.2	39.0	8.51	8.54	7.12
Electric and electronic equipment	267.46	289.60	262.54	38.1	40.0	39.9	7.02	7.24	6.58
Transportation equipment	470.61	483.19	478.95	41.5	42.2	43.7	11.34	11.45	10.96
Motor vehicles and equipment	554.27	535.52	558.14	43.1	42.2	45.6	12.86	12.69	12.24
Nondurable Goods[e]	388.82	383.05	363.21	40.8	41.1	41.7	9.53	9.32	8.71
Food and kindred products	425.95	440.37	403.85	40.8	42.1	42.2	10.44	10.46	9.57
Meat products	495.30	503.94	464.87	43.6	45.4	44.4	11.36	11.10	10.47
Bakery products	381.41	393.13	379.69	41.1	42.5	43.0	9.28	9.25	8.83
Beverages	360.14	372.13	346.12	38.6	39.8	40.2	9.33	9.35	8.61
Apparel and other textile products	222.74	222.26	212.14	37.0	37.8	38.5	6.02	5.88	5.51
Paper and allied products	328.80	334.65	306.53	42.1	42.2	41.2	7.81	7.93	7.44
Printing and publishing	375.20	381.20	334.02	38.8	40.0	37.7	9.67	9.53	8.86
Chemicals and allied products	446.68	413.47	422.55	42.1	41.1	44.2	10.61	10.06	9.56
Rubber and misc. plastics products	295.66	305.21	327.31	39.9	41.3	43.7	7.41	7.39	7.49
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	529.21	530.22	516.71	37.4	38.2	39.9	14.15	13.88	12.95
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	385.93	377.91	348.98	39.3	38.8	39.3	9.82	9.74	8.88
WHOLESALE TRADE	298.74	305.76	290.72	38.3	39.2	39.5	7.80	7.80	7.36
RETAIL TRADE[f]	149.65	156.55	145.53	29.4	31.0	29.7	5.09	5.05	4.90
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	194.57	192.35	183.66	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
JANUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1982[b]	December 1981[c]	January 1981[c]	December 1981	January 1981
TOTAL	857.3	875.6	872.0	- 2.1	- 1.7
MANUFACTURING	239.3	236.9	248.0	1.0	- 3.5
Durable Goods[e]	172.5	170.1	181.4	1.4	- 4.9
Furniture and fixtures	2.2	2.2	2.2	1.5	3.6
Primary metal industries	28.1	24.7	29.2	13.6	- 3.9
Blast furnace and basic steel products	14.5	14.2	15.5	2.0	- 6.6
Iron and steel foundries	6.9	3.7	6.9	88.5	.3
Nonferrous foundries	3.0	3.0	2.7	- .6	9.9
Fabricated metal products	36.9	37.8	37.8	- 2.5	- 2.5
Fabricated structural metal products	4.4	4.5	4.4	- 3.2	- .8
Screw machine products, bolts, etc.	5.9	5.9	5.8	- .2	1.1
Metal forgings and stampings	12.6	12.8	12.6	- 2.1	.1
Machinery, except electrical	43.5	44.0	46.6	- 1.2	- 6.6
Construction and related machinery	7.1	7.3	8.1	- 2.1	- 11.5
Metalworking machinery	15.7	15.9	17.0	- 1.2	- 9.0
Special industry machinery	4.3	4.3	4.7	- .6	- 9.5
General industrial machinery	3.6	3.7	3.9	- 1.9	- 5.9
Electric and electronic equipment	25.3	25.3	24.3	- .1	4.1
Electrical industrial apparatus	8.8	8.9	9.1	- .9	- 3.0
Transportation equipment	21.2	20.5	25.5	3.1	- 17.2
Motor vehicles and equipment	13.9	13.2	17.6	5.6	- 20.9
Instruments and related products	6.6	6.6	6.7	- .2	- 2.0
Nondurable Goods[f]	66.8	66.8	66.6	.0	.3
Food and kindred products	8.4	8.3	8.4	.7	- .1
Bakery products	1.9	1.9	1.9	3.6	4.0
Beverages	1.5	1.5	1.6	- .1	- .5
Apparel and other textile products	5.3	5.4	5.6	- 2.4	- 4.6
Paper and allied products	5.0	4.9	5.1	.1	- 2.5
Printing and publishing	15.6	15.6	15.0	.2	4.0
Chemicals and allied products	16.0	16.0	16.0	.0	- .2
Industrial inorganic chemicals	4.3	4.3	4.2	.0	1.1
Rubber and misc. plastics products	10.4	[illegible]	10.8	1.8	- 3.4
NONMANUFACTURING[g]	618.0	638.7	624.0	- 3.2	- 1.0
CONSTRUCTION	23.7	26.9	24.4	- 12.0	- 3.0
TRANSPORTATION AND PUBLIC UTILITIES	44.1	45.7	44.0	- 3.5	.1
Communication, electric, gas services	20.1	20.1	19.3	.1	4.0
WHOLESALE TRADE	61.1	62.0	62.5	- 1.4	- 2.2
RETAIL TRADE	133.1	142.5	135.9	- 6.6	- 2.0
FINANCE, INSURANCE, AND REAL ESTATE	47.6	48.0	47.8	- .8	- .4
Banking	13.3	13.5	13.7	- 1.7	- 2.9
Insurance carriers	11.9	11.9	11.8	- .2	.6
SERVICES	190.2	193.5	186.0	- 1.7	2.3
GOVERNMENT	116.9	118.9	122.0	- 1.7	- 4.2
Federal government	19.5	19.9	20.2	- 2.3	- 3.9
State government (includes education)	7.5	8.2	8.0	- 8.3	- 6.1
Local government	90.0	90.8	93.8	- 1.0	- 4.1
Local government, except education	45.6	45.5	44.8	.1	1.7
Local government education	44.4	45.3	49.0	- 2.0	- 9.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
JANUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1982[b]	December 1981[c]	January 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$389.27	$395.76	$381.51	39.6	40.8	41.2	$ 9.83	$ 9.70	$ 9.26
Durable Goods[d]	404.94	414.29	399.23	39.7	41.1	41.5	10.20	10.08	9.62
Furniture and fixtures	290.70	308.59	289.25	38.3	41.2	42.6	7.59	7.49	6.79
Primary metal industries	467.28	452.67	457.50	39.3	39.5	42.4	11.89	11.46	10.79
Blast furnace and basic steel products	520.08	496.69	495.51	39.4	37.8	41.5	13.20	13.14	11.94
Iron and steel foundries	483.31	474.81	489.72	37.7	39.9	42.4	12.82	11.90	11.55
Nonferrous foundries	323.40	336.93	310.24	42.0	43.7	41.2	7.70	7.71	7.53
Fabricated metal products	376.49	401.94	378.10	38.3	40.6	40.7	9.83	9.90	9.29
Fabricated structural metal products	313.18	325.98	312.37	38.1	39.9	38.9	8.22	8.17	8.03
Screw machine products, bolts, etc.	337.93	369.36	342.95	37.8	40.5	40.3	8.94	9.12	8.51
Metal forgings and stampings	450.38	480.33	467.46	38.2	40.5	42.0	11.79	11.86	11.13
Machinery, except electrical	415.34	425.34	402.36	40.8	41.7	42.0	10.18	10.20	9.58
Construction and related machinery	455.47	489.90	405.81	40.2	42.6	40.1	11.33	11.50	10.12
Metalworking machinery	409.04	416.25	399.59	40.7	41.5	42.6	10.05	10.03	9.38
Special industry machinery	416.07	422.94	361.92	41.4	42.0	39.0	10.05	10.07	9.28
General industrial machinery	408.70	435.74	376.13	41.2	43.1	41.7	9.92	10.11	9.02
Electric and electronic equipment	355.06	365.08	339.07	41.0	42.6	41.3	8.66	8.57	8.21
Electrical industrial apparatus	358.05	349.98	355.37	38.5	38.8	40.8	9.30	9.02	8.71
Transportation equipment	469.66	485.07	477.99	39.6	40.9	42.3	11.86	11.86	11.30
Motor vehicles and equipment	468.71	498.13	486.30	38.2	40.4	41.6	12.27	12.33	11.69
Instruments and related products	318.02	321.48	274.06	41.9	42.3	38.6	7.59	7.60	7.10
Nondurable Goods[e]	341.43	341.54	323.21	39.2	39.9	40.3	8.71	8.56	8.02
Food and kindred products	343.26	344.76	329.65	40.1	40.8	40.3	8.56	8.45	8.18
Bakery products	357.50	361.56	339.31	39.2	39.3	39.5	9.12	9.20	8.59
Beverages	289.91	343.35	273.15	38.5	45.0	38.8	7.53	7.63	7.04
Apparel and other textile products	243.38	248.57	228.92	37.1	38.3	38.8	6.56	6.49	5.90
Paper and allied products	373.75	368.41	331.10	41.9	42.2	41.7	8.92	8.73	7.94
Printing and publishing	369.74	357.40	344.51	38.0	37.9	37.9	9.73	9.43	9.09
Chemicals and allied products	406.59	407.30	388.50	40.7	41.1	42.0	9.99	9.91	9.25
Industrial inorganic chemicals	417.74	417.96	399.33	40.4	40.5	40.5	10.34	10.32	9.86
Rubber and misc. plastics products	285.25	295.00	281.65	38.6	40.3	42.1	7.39	7.32	6.69
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	515.13	569.30	550.62	33.0	36.8	38.0	15.61	15.47	14.49
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	453.47	444.31	413.69	41.3	40.8	41.0	10.98	10.89	10.09
WHOLESALE TRADE	321.95	326.93	301.85	38.1	39.2	38.6	8.45	8.34	7.82
RETAIL TRADE[f]	157.35	159.57	154.15	27.8	28.7	28.6	5.66	5.56	5.39
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	222.58	218.09	208.31	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
JANUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1982[b]	December 1981[c]	January 1981[c]	December 1981	January 1981
TOTAL	499.7	514.7	501.6	-2.9	-.4
MANUFACTURING	91.1	92.0	94.3	-.9	-3.3
Durable Goods[e]	58.0	58.5	60.5	-.8	-4.1
Stone, clay, and glass products	9.3	9.5	9.8	-2.4	-5.2
Fabricated metal products	10.2	10.5	11.7	-3.1	-12.7
Machinery, except electrical	11.7	11.8	11.5	-1.3	1.1
Electric and electronic equipment	11.8	11.8	12.2	-.1	-3.0
Transportation equipment	6.4	6.1	6.1	5.6	5.0
Nondurable Goods[f]	33.1	33.5	33.7	-1.0	-1.8
Food and kindred products	10.6	10.5	10.4	.4	1.3
Printing and publishing	8.4	8.5	8.9	-1.8	-5.5
Chemicals and allied products	6.1	6.1	6.1	-.8	.5
Rubber and misc. plastics products	2.8	2.9	3.0	-3.8	-6.5
NONMANUFACTURING[g]	408.6	422.0	407.4	-3.4	.3
CONSTRUCTION	14.7	17.4	15.8	-15.5	-7.0
TRANSPORTATION AND PUBLIC UTILITIES	23.7	24.7	23.7	-4.3	-.3
Communication, electric, gas services	11.6	11.6	11.2	.1	3.5
WHOLESALE TRADE	27.1	27.4	27.0	-1.0	.5
RETAIL TRADE	91.6	98.5	90.8	-7.0	.9
FINANCE, INSURANCE, AND REAL ESTATE	40.2	40.1	38.4	.2	4.7
Banking	8.1	8.0	7.8	1.0	3.4
Insurance carriers	17.4	17.4	16.8	.4	4.0
SERVICES	107.8	109.2	105.2	-1.3	2.5
GOVERNMENT	102.8	104.7	105.9	-1.8	-2.9
Federal government	11.5	11.5	11.5	-.3	-.6
State government	48.9	50.5	48.8	-3.2	.1
State government, except education	29.3	29.4	29.0	-.5	.9
State government education[i]	19.6	21.1	19.8	-6.9	-1.1
Local government	42.5	42.7	45.5	-.5	-6.6
Local government, except education	17.1	17.2	19.7	-.6	-12.9
Local government education	25.4	25.5	25.8	-.5	-1.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
JANUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1982[b]	December 1981[c]	January 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$353.92	$362.39	$331.63	39.5	40.4	40.1	$ 8.96	$ 8.97	$ 8.27
Durable Goods[d]	371.73	382.17	347.06	39.8	40.7	39.8	9.34	9.39	8.72
Stone, clay, and glass products	340.17	358.40	322.38	38.7	40.0	40.5	8.79	8.96	7.96
Fabricated metal products	421.61	429.79	413.29	39.7	40.7	39.1	10.62	10.56	10.57
Machinery, except electrical	355.92	380.42	359.91	40.4	42.6	43.0	8.81	8.93	8.37
Electric and electronic equipment	363.60	368.85	328.20	40.0	40.4	39.4	9.09	9.13	8.33
Transportation equipment	446.16	447.12	382.32	42.9	43.2	40.5	10.40	10.35	9.44
Nondurable Goods[e]	317.00	322.78	296.87	38.8	39.8	40.5	8.17	8.11	7.33
Food and kindred products	330.00	334.97	307.02	40.0	41.0	42.0	8.25	8.17	7.31
Printing and publishing	345.19	354.64	292.88	38.1	39.1	35.5	9.06	9.07	8.25
Chemicals and allied products	356.73	359.16	340.26	40.4	41.0	42.8	8.83	8.76	7.95
Rubber and misc. plastics products	279.74	281.70	283.05	39.4	40.3	42.5	7.10	6.99	6.66
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	438.78	464.63	413.29	35.5	37.5	37.0	12.36	12.39	11.17
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	434.11	427.03	397.54	40.8	40.4	40.4	10.64	10.57	9.04
WHOLESALE TRADE	291.78	290.61	280.60	38.8	38.8	39.3	7.52	7.49	7.14
RETAIL TRADE[f]	145.98	149.35	139.20	28.4	29.4	29.0	5.14	5.08	4.80
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	...	....	....
Banking	183.71	184.02	174.38	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education ...	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
JANUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1982[b]	December 1981[c]	January 1981[c]	December 1981	January 1981
TOTAL	349.2	356.1	351.6	- 2.2	- 1.0
MANUFACTURING	95.7	96.7	97.4	- 1.0	- 1.7
Durable Goods[e]	65.8	66.7	66.2	- 1.3	- .5
Stone, clay, and glass products	2.1	2.2	2.2	- 3.5	- 5.6
Fabricated metal products	6.9	7.0	7.1	- .7	- 2.2
Machinery, except electrical	31.3	31.7	31.5	- 1.4	- .6
Metalworking machinery	6.9	7.0	7.3	- 1.5	- 5.5
Electric and electronic equipment	5.4	5.4	5.7	- .8	- 5.3
Electrical industrial apparatus	3.3	3.3	3.4	- .5	- 3.9
Transportation equipment	14.1	14.3	13.5	- 1.5	4.4
Nondurable Goods[f]	29.9	30.0	31.2	- .3	- 4.2
Food and kindred products	3.1	3.1	3.1	- .8	.1
Paper and allied products	5.6	5.6	5.9	.8	- 5.1
Printing and publishing	9.0	9.0	9.3	.0	- 3.4
Rubber and misc. plastics products	8.7	8.8	9.3	- 1.3	- 6.6
NONMANUFACTURING[g]	252.5	259.4	254.2	- 2.7	- .7
CONSTRUCTION	9.2	11.1	11.0	- 17.1	- 16.2
TRANSPORTATION AND PUBLIC UTILITIES	13.0	13.3	13.0	- 2.1	- .2
Communication, electric, gas services ..	6.5	6.6	6.6	- .3	- 1.6
WHOLESALE TRADE	16.5	16.7	16.4	- 1.2	1.0
RETAIL TRADE	55.1	59.0	56.1	- 6.6	- 1.8
FINANCE, INSURANCE, AND REAL ESTATE	13.7	13.7	13.4	.2	2.9
SERVICES	75.3	75.1	73.6	.2	2.4
GOVERNMENT	69.3	70.0	70.4	- 1.1	- 1.7
Federal government	25.7	25.8	25.6	- .1	.5
State government (includes education) ..	5.7	6.0	5.8	- 4.9	- 1.8
Local government	37.8	38.3	39.0	- 1.2	- 3.1
Local government, except education ...	12.9	13.1	14.0	- 1.0	- 7.7
Local government education	24.9	25.2	25.0	- 1.3	- .6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
JANUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1982[b]	December 1981[c]	January 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$398.00	$412.29	$388.64	39.8	41.1	41.7	$10.00	$10.03	$ 9.32
Durable Goods[d]	409.00	411.99	386.13	40.9	41.4	42.2	10.00	9.95	9.15
Stone, clay, and glass products	423.91	373.76	337.31	40.8	38.1	37.9	10.39	9.81	8.90
Fabricated metal products	298.33	314.20	275.33	39.1	40.7	38.4	7.63	7.72	7.17
Machinery, except electrical	411.82	426.99	395.71	41.1	43.0	43.2	10.02	9.93	9.16
Metalworking machinery	399.64	425.10	431.44	41.2	43.6	45.8	9.70	9.75	9.42
Electric and electronic equipment	408.07	409.07	387.64	42.2	42.7	43.9	9.67	9.58	8.83
Electrical industrial apparatus	319.87	327.81	304.41	40.8	41.6	41.7	7.84	7.88	7.30
Transportation equipment	478.53	496.31	488.14	39.0	39.8	41.9	12.27	12.47	11.65
Nondurable Goods[e]	387.77	411.46	393.16	38.7	40.3	40.7	10.02	10.21	9.66
Food and kindred products	396.89	409.63	376.61	41.3	42.1	42.7	9.61	9.73	8.82
Paper and allied products	340.72	323.97	331.93	41.1	40.7	41.7	8.29	7.96	7.96
Printing and publishing	422.01	414.86	410.00	40.5	40.2	41.0	10.42	10.32	10.00
Rubber and misc. plastics products	431.88	504.27	471.98	35.4	39.8	40.1	12.20	12.67	11.77
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	467.73	498.13	487.65	35.3	38.2	39.2	13.25	13.04	12.44
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	441.15	416.07	388.01	41.5	40.2	40.3	10.63	10.35	9.63
WHOLESALE TRADE	289.04	288.88	277.22	40.2	41.1	41.5	7.19	7.03	6.68
RETAIL TRADE[f]	145.79	150.37	142.77	28.2	29.6	28.9	5.17	5.08	4.94
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
JANUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1982[b]	December 1981[c]	January 1981[c]	December 1981	January 1981
TOTAL	281.8	290.8	286.4	- 3.1	- 1.6
MANUFACTURING	68.6	70.1	73.7	- 2.2	- 6.9
Durable Goods[e]	53.1	54.2	57.0	- 2.0	- 6.8
Stone, clay, and glass products	12.6	12.7	13.1	- .8	- 4.2
Primary metal industries	3.6	4.0	4.4	- 8.4	- 17.3
Fabricated metal products	6.5	6.6	7.4	- 1.4	- 12.2
Metal forgings and stampings	2.9	3.0	3.5	- 1.2	- 16.2
Machinery, except electrical	6.0	6.5	6.9	- 8.0	- 13.0
General industrial machinery	1.4	1.9	2.1	- 24.7	- 31.3
Transportation equipment	16.6	16.4	16.8	.8	- 1.4
Motor vehicles and equipment	15.1	15.0	15.4	.5	- 1.9
Nondurable Goods[f]	15.5	16.0	16.7	- 2.9	- 7.1
Food and kindred products	4.0	4.1	3.9	- 3.0	3.0
Petroleum and coal products	1.7	1.7	1.9	.2	- 13.4
Rubber and misc. plastics products	2.9	3.0	3.4	- 4.8	- 14.0
NONMANUFACTURING[g]	213.2	220.7	212.8	- 3.4	.2
CONSTRUCTION	9.5	11.0	10.5	- 13.9	- 9.1
TRANSPORTATION AND PUBLIC UTILITIES	18.5	19.3	18.7	- 4.1	- 1.0
Communication, electric, gas services	7.6	7.7	7.4	- .2	3.7
WHOLESALE TRADE	14.3	14.6	14.5	- 1.8	- .9
RETAIL TRADE	50.2	53.4	50.3	- 6.1	- .3
FINANCE, INSURANCE, AND REAL ESTATE	10.5	10.6	10.5	- 1.0	- .6
SERVICES	64.0	64.6	60.6	- 1.1	5.6
GOVERNMENT	45.8	46.6	47.4	- 1.6	- 3.2
State government (includes education)	14.6	14.8	14.7	- 1.8	- .9
Local government	28.5	29.0	29.9	- 1.6	- 4.8
Local government, except education	10.9	11.1	11.9	- 1.7	- 8.0
Local government education	17.5	17.8	18.0	- 1.6	- 2.7

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
JANUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1982[b]	December 1981[c]	January 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$419.20	$429.52	$388.82	40.0	41.3	40.8	$10.48	$10.40	$ 9.53
Durable Goods[d]	433.71	445.21	396.09	39.9	41.3	40.5	10.87	10.78	9.78
Stone, clay, and glass products	434.68	442.15	406.43	40.7	41.4	41.6	10.68	10.68	9.77
Primary metal industries	425.12	423.04	402.91	42.3	43.3	43.7	10.05	9.77	9.22
Fabricated metal products	370.36	370.47	351.68	39.4	40.4	40.1	9.40	9.17	8.77
Metal forgings and stampings	439.70	425.81	388.28	39.9	39.5	39.3	11.02	10.78	9.88
Machinery, except electrical	415.75	424.77	394.59	40.8	41.2	41.8	10.19	10.31	9.44
General industrial machinery	413.09	439.82	416.40	36.3	39.2	40.0	11.38	11.22	10.41
Transportation equipment	498.63	522.45	432.28	39.7	41.9	38.7	12.56	12.47	11.17
Motor vehicles and equipment	501.41	523.34	435.79	39.7	41.8	38.6	12.63	12.52	11.29
Nondurable Goods[e]	367.43	378.14	363.27	40.2	41.6	41.9	9.14	9.09	8.67
Food and kindred products	360.59	397.81	391.16	40.2	43.1	44.0	8.97	9.23	8.89
Petroleum and coal products	576.76	572.47	575.48	44.4	43.6	44.2	12.99	13.13	13.02
Rubber and misc. plastics products	307.51	323.97	300.21	38.2	40.7	40.9	8.05	7.96	7.34
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	555.98	602.45	552.96	35.1	37.7	38.4	15.84	15.98	14.40
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	443.88	431.01	417.66	41.1	40.7	41.6	10.80	10.59	10.04
WHOLESALE TRADE	325.47	330.40	291.08	38.7	39.1	38.1	8.41	8.45	7.64
RETAIL TRADE[f]	155.38	160.14	151.61	28.2	29.6	29.1	5.51	5.41	5.21
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JANUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1982[b]	December 1981[c]	January 1981[c]	December 1981	January 1981
TOTAL	192.2	193.1	195.8	- .5	- 1.9
MANUFACTURING	63.5	59.9	67.1	6.1	- 5.4
Durable Goods[e]	57.9	54.1	61.3	7.0	- 5.5
Stone, clay, and glass products	1.8	1.9	1.7	- 7.3	3.7
Primary metal industries	26.6	28.2	30.6	- 5.7	- 13.1
Blast furnace and basic steel products	14.5	14.6	15.2	- .5	- 4.3
Fabricated metal products	8.9	9.2	9.0	- 3.1	- 1.5
Fabricated structural metal products	2.8	2.8	2.7	- 1.1	2.1
Machinery, except electrical	5.5	5.4	5.9	3.0	- 6.6
Metalworking machinery	2.5	2.5	2.8	- .2	- 12.1
Electric and electronic equipment	3.1	3.1	3.1	- 1.5	- .8
Transportation equipment	10.2	4.5	8.9	126.7	15.1
Nondurable Goods[f]	5.6	5.7	5.8	- 2.5	- 4.2
NONMANUFACTURING[g]	128.6	133.3	128.7	- 3.5	.0
CONSTRUCTION	5.4	6.2	5.8	- 13.0	- 6.8
TRANSPORTATION AND PUBLIC UTILITIES	8.9	9.4	9.1	- 6.0	- 2.1
Communication, electric, gas services	3.3	3.3	3.2	- .2	.6
WHOLESALE TRADE	7.7	7.9	7.8	- 2.5	- 1.9
RETAIL TRADE	34.9	37.0	35.2	- 5.6	- .8
FINANCE, INSURANCE, AND REAL ESTATE	7.1	7.2	7.0	- .7	2.8
SERVICES	38.8	38.9	37.6	- .4	3.0
GOVERNMENT	25.2	26.0	25.6	- 3.0	- 1.6
Local government (includes education)	19.8	20.2	20.3	- 1.7	- 2.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JANUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1982[b]	December 1981[c]	January 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]	Jan. 1982[b]	Dec. 1981[c]	Jan. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$459.39	$451.61	$470.61	39.5	39.1	41.5	$11.63	$11.55	$11.34
Durable Goods[d]	470.45	463.73	484.22	39.6	39.1	41.6	11.88	11.86	11.64
Stone, clay, and glass products	304.96	300.66	275.62	37.1	36.8	34.8	8.22	8.17	7.92
Primary metal industries	496.90	502.57	500.17	38.4	38.6	41.2	12.94	13.02	12.14
Blast furnace and basic steel products	536.67	538.89	506.28	40.2	39.8	40.6	13.35	13.54	12.47
Fabricated metal products	442.49	447.93	563.41	39.9	40.5	45.4	11.09	11.06	12.41
Fabricated structural metal products	313.62	321.70	338.69	38.2	38.9	39.2	8.21	8.27	8.64
Machinery, except electrical	451.49	454.80	434.50	39.5	40.0	39.5	11.43	11.37	11.00
Metalworking machinery	490.89	494.06	495.94	42.1	42.3	43.2	11.66	11.68	11.48
Electric and electronic equipment	356.81	336.40	325.14	40.5	38.8	39.7	8.81	8.67	8.19
Transportation equipment	519.40	470.37	538.12	42.4	39.1	44.0	12.25	12.03	12.23
Nondurable Goods[e]	329.87	323.05	298.62	38.9	39.3	39.5	8.48	8.22	7.56
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	492.08	532.58	562.65	35.3	37.4	39.1	13.94	14.24	14.39
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	423.85	433.41	404.55	41.8	42.7	42.9	10.14	10.15	9.43
WHOLESALE TRADE	317.75	326.76	308.51	38.1	39.8	39.3	8.34	8.21	7.85
RETAIL TRADE[f]	154.66	159.68	148.26	28.8	30.3	29.3	5.37	5.27	5.06
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.--Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.--Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.--Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.--Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.--Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.--Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.--Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.--Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.--Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.--Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.--Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers.--Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.--Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.--Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.--Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
JAMES A. RHODES, *Governor*
ALBERT G. GILES, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
FEBRUARY 1982

Jobless Ohioans numbered 606,000 in February, representing 12.2 percent of the civilian labor force--up from 598,000 and 11.9 percent in January. Total employment declined 1.6 percent, to 4,361,000. Further cutbacks among factories lowered nonfarm payroll employment .3 percent, to 4,176,000.

Manufacturing employment in Ohio slipped 1.4 percent to 1,151,000. Layoffs due to lack of orders further reduced employment in the automotive industries. Manufacturers of automobiles and equipment, along with producers of automotive castings and plastic components separated several thousand workers. Less business also led to layoffs in basic steel, structural metals, household appliances, and nonelectrical machinery. Recalls were reported, however, for production of nonferrous castings, household furniture, and pottery.

Nonmanufacturing employment in Ohio in February totaled 3,025,000, up fractionally from January. Employment in public schools and colleges rebounded from January. Service industries employment advanced, with gains in business services and an upturn in private education. Retailing dropped, however, among department, apparel, and food stores. Construction dipped to its winter employment low, as unfavorable weather hampered most outdoor activities.

Average weekly earnings of Ohio's factory production workers rose $9 from January, to $396 in February. Many manufacturers resumed normal production schedules following January curtailments, raising the average workweek to 40.2 hours--up .9 hours. More overtime was reported in several industries, notably automotive stampings, construction machinery, nonferrous castings, and fabricated structural metals. Longer workweeks boosted weekly earnings in motor vehicles, household furniture, and leather goods, while overtime plus hourly-rate increases raised earnings in iron foundries. Overtime curtailments, however, were reported by petroleum refiners and meat processors.

Unemployment in Ohio increased by 110,000 between February 1981 and February 1982, lifting the jobless rate by over two percentage points. Total employment slipped 1.9 percent, as nonfarm payrolls dropped similarly. Recessionary losses in primary and fabricated metals, transportation equipment, and nonelectrical machinery accounted for much of the decrease in factory employment. Nonmanufacturing was relatively unchanged, as gains in services offset declines in other industries. Factory production workers grossed $22 more per week in February 1982 than in February of last year, although their average workweek was down .4 hours.

For additional Labor Market Information, write
WILLIAM PAPIER, *Director of Research and Statistics*, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Akron's nonagricultural wage and salary employment totaled 252,500 in February, up 400 from January. Nonmanufacturing accounted for the gain as education employment rebounded. Despite gains in durable goods, manufacturing slipped 300, to 72,700 for the month, due mainly to layoffs of rubber workers. Production workers in manufacturing industries grossed $9.75 per hour for a workweek of 41.5 hours, up 2¢ and .9 hours, respectively, from January averages.

Canton.--Nonfarm payroll employment in the Canton area decreased 300 from January, to 152,600 in February. Seasonal losses in retailing and construction lowered nonmanufacturing in February. Manufacturing rose slightly, to 52,800 for the month. The average workweek of factory production workers was up 1.1 hours, to 39.3 hours for the month. Their hourly earnings rose 11¢, to $10.06 in February.

Cincinnati.--Nonagricultural establishments in the Cincinnati area employed 575,800 wage and salary workers in February, down 800 from January. Manufacturing--down 2,400, to 149,500--accounted for the loss, mainly attributable to cutbacks in orders for motor vehicles. Seasonal shrinkage in retail trade was offset by expansion in services and government, lifting nonmanufacturing for the month. The workweek for the average factory production worker, at 40.0 hours, was up .2 hours, while his average hourly earnings, at $9.24, were down slightly for the month.

Cleveland.--February nonfarm payroll employment in Cleveland totaled 854,600, down 1,400 from January. Manufacturing slipped 700, to 237,300. Seasonal layoffs in retail trade, transportation, and construction lowered nonmanufacturing, despite gains in services and public schools. The average factory production workweek, at 40.3 hours, was up 1.5 hours. Average hourly earnings, at $9.88, were 6¢ higher in February.

Columbus.--Workers on nonfarm payrolls in Columbus numbered 499,800 in February, down slightly from January. Manufacturing, down 500 to 90,500, accounted for the loss, as various durable-goods industries decreased for the month. Nonmanufacturing increased, however, as losses in retailing were offset by gains in education. Production workers in factories grossed $9.02 per hour for a workweek of 39.7 hours, little changed from January.

Dayton.--Dayton's nonagricultural wage and salary employment dropped 3,300 from January, to 345,800 in February. Manufacturing, down 2,700 to 93,000, accounted for most of the decrease, as producers of motor vehicles and their component parts reported cutbacks. Although education and services rose seasonally, declines in retail trade and construction lowered nonmanufacturing. The workweek and hourly earnings of the average factory production worker, at 39.9 hours and $9.82 an hour, were up .4 hours but down 10¢ from January.

Toledo.--Nonfarm employment in the Toledo area totaled 282,000 in February, up fractionally from January. Nonmanufacturing employment shrank seasonally, with losses concentrated in retailing and construction. Manufacturing gained 500, to 69,100 in February. Earnings of factory production workers rose 17¢, to $10.75 an hour. Average weekly hours, at 41.2 hours, were up 1.5 hours from January.

Youngstown-Warren.--Nonfarm establishments in the Youngstown-Warren area employed 185,300 in February, down 6,500 from January. The decrease occurred in manufacturing, down 6,800 to 56,800 for the month, as auto workers were furloughed due to lack of orders. Nonmanufacturing rose slightly from January. The average workweek for factory production workers, at 39.3 hours, was up .2 hours from January. Their average hourly earnings slipped 4¢, to $11.69 for February.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216 3-19-82

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1971	244.1	138.1	501.9	829.3	410.9	317.4	263.7	198.1
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.0	157.3	593.9	880.8	508.3	353.4	290.9	199.1
1981								
February.	254.6	154.3	586.1	867.1	501.2	349.3	283.1	194.2
March ...	256.4	154.6	589.5	873.0	504.1	352.1	288.3	196.5
April ...	259.7	157.2	596.9	880.5	506.8	354.0	292.7	198.4
May	262.7	158.1	599.1	885.3	510.3	354.7	295.3	203.0
June ...	259.4	158.9	600.5	893.2	512.7	355.2	298.1	204.4
July	257.1	158.4	590.5	887.2	504.0	349.4	289.2	200.9
August ..	257.3	158.7	589.2	884.3	504.6	348.7	287.6	197.5
September	262.9	158.8	598.2	883.1	508.5	356.2	291.8	202.2
October .	263.2	158.9	597.9	885.3	515.4	356.9	295.3	201.6
November.	261.1	157.9	597.1	883.6	515.6	357.0	292.3	201.8
December.	260.6	157.0	596.2	875.6	514.7	356.1	290.8	193.1
1982								
January .	252.2	152.9	576.7	856.1	499.9	349.0	281.9	191.8
February.	252.5	152.6	575.8	854.6	499.8	345.8	282.0	185.3
	MANUFACTURING EMPLOYMENT (in thousands)							
1971	91.7	58.6	160.1	273.5	98.4	112.8	86.2	88.4
1972	91.3	57.4	155.9	273.9	100.6	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.2	55.7	162.5	254.9	96.8	99.3	75.4	70.8
1981	75.9	55.3	158.4	247.4	93.6	97.8	74.0	67.7
1981								
February.	75.8	54.8	158.1	247.1	94.0	96.4	71.4	65.4
March ...	76.5	54.3	157.6	247.7	94.2	97.6	74.6	68.8
April ...	76.6	55.1	158.0	247.7	93.4	97.9	75.3	69.2
May	76.6	55.4	158.6	248.0	94.1	98.3	75.3	69.8
June	77.3	55.9	160.1	251.3	94.4	98.4	76.1	69.9
July	75.8	56.1	158.4	250.0	93.0	97.9	74.3	69.0
August ..	75.5	56.4	158.3	247.8	92.7	97.1	74.9	66.7
September	76.8	56.5	159.7	249.9	94.3	99.6	76.9	69.4
October .	76.1	56.0	158.4	248.7	93.6	98.1	74.1	68.8
November.	74.9	55.1	158.6	245.9	93.2	98.0	71.5	68.3
December.	74.3	54.0	156.7	236.9	92.0	96.7	70.1	59.9
1982								
January .	73.0	52.7	151.9	238.0	91.0	95.7	68.5	63.6
February.	72.7	52.8	149.5	237.3	90.5	93.0	69.1	56.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1971	53.8	43.2	111.5	187.4	68.8	82.3	60.6	70.6
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.9	40.0	104.3	162.3	61.6	64.4	48.8	51.1
1981								
February.	44.8	39.6	104.3	163.1	61.9	53.4	46.2	48.5
March ...	45.3	39.1	103.9	163.4	62.0	64.5	49.1	51.8
April ...	45.1	40.0	104.2	163.7	61.4	64.7	49.9	52.8
May	44.9	40.2	104.4	164.0	62.0	64.9	49.9	53.3
June	45.1	40.6	105.5	166.2	62.4	64.9	50.5	53.3
July	43.5	40.8	103.6	164.4	61.4	64.3	48.8	52.2
August ..	42.9	40.9	103.7	161.9	61.1	63.5	49.6	50.3
September	44.0	40.9	105.3	163.9	62.3	65.9	51.6	52.8
October .	43.3	40.4	104.3	162.4	61.4	64.8	49.0	52.3
November.	41.9	39.4	104.6	159.4	61.1	64.6	47.1	51.7
December.	41.4	38.3	102.8	150.4	60.1	63.4	45.9	43.8
1982								
January .	40.2	37.1	98.7	152.0	59.3	62.4	44.3	47.2
February.	40.0	37.3	96.5	151.6	58.9	59.7	45.0	41.3
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1971	40.6	38.9	41.0	40.6	39.6	40.6	41.4	41.4
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.2	39.9	41.6	40.9	40.8
1981								
February.	41.5	40.0	41.0	41.0	39.7	41.0	40.1	40.6
March ...	41.9	40.3	41.1	41.4	39.9	41.4	41.2	40.8
April ...	42.1	40.0	40.8	41.2	39.7	42.0	40.8	41.3
May	42.4	40.1	41.4	41.6	39.9	41.8	41.2	40.8
June	42.4	40.4	41.3	42.1	39.9	42.5	41.3	41.4
July	41.9	39.8	40.9	40.7	39.4	41.6	40.4	40.5
August ..	41.7	39.6	40.6	41.2	40.3	41.9	40.3	41.8
September	40.8	40.1	41.2	41.0	40.0	40.9	41.6	41.6
October .	41.2	39.7	40.7	40.8	39.8	41.3	41.1	39.9
November.	41.5	39.8	41.0	40.9	40.3	41.5	40.7	40.4
December.	42.4	40.2	41.1	40.8	40.4	41.1	41.3	39.1
1982								
January .	40.6	38.2	39.8	38.8	39.5	39.5	39.7	39.1
February.	41.5	39.3	40.0	40.3	39.7	39.9	41.2	39.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS								
1971	$4.36	$4.09	$3.89	$4.15	$3.77	$4.49	$4.26	$4.46
1972	4.68	4.48	4.15	4.50	4.06	4.74	4.67	4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.75	8.75	9.61	8.59	9.67	9.86	11.58
1981								
February.	9.22	9.55	8.53	9.31	8.30	9.25	9.50	11.43
March ...	9.31	9.60	8.58	9.40	8.36	9.39	9.65	11.56
April ...	9.36	9.67	8.59	9.53	8.45	9.57	9.66	11.62
May	9.50	9.67	8.68	9.59	8.47	9.52	9.71	11.58
June	9.53	9.76	8.67	9.78	8.57	9.72	9.91	11.67
July	9.57	9.73	8.71	9.64	8.51	9.66	9.85	11.61
August ..	9.60	9.78	8.78	9.71	8.63	9.87	9.85	11.76
September	9.64	9.96	8.91	9.78	8.77	9.72	10.06	11.66
October .	9.66	9.96	8.97	9.82	8.87	9.98	10.13	11.54
November.	9.74	10.01	9.03	9.82	8.97	10.02	10.10	11.66
December.	9.71	10.09	9.12	9.70	8.97	10.03	10.40	11.55
1982								
January .	9.73	9.95	9.26	9.82	9.04	9.92	10.58	11.73
February.	9.75	10.06	9.24	9.88	9.02	9.82	10.75	11.69
MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS								
1971	$177.02	$159.10	$159.49	$168.49	$149.29	$182.29	$176.36	$184.64
1972	197.03	181.89	173.89	190.35	164.02	201.45	196.14	201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.00	359.63	395.93	342.74	402.27	403.27	472.46
1981								
February.	382.63	382.00	349.73	381.71	329.51	379.25	380.95	464.06
March ...	390.09	386.88	352.64	389.16	333.56	388.75	397.58	471.65
April ...	394.06	386.80	350.47	392.64	335.47	401.94	394.13	479.91
May	402.80	387.77	359.35	398.94	337.95	397.94	400.05	472.46
June	404.07	394.30	358.07	411.74	341.94	413.10	409.28	483.14
July	400.98	387.25	356.24	392.35	335.29	401.86	397.94	470.21
August ..	400.32	387.29	356.47	400.05	347.79	413.55	396.96	491.57
September	393.31	395.40	367.09	400.98	350.80	397.55	418.50	485.06
October .	397.99	395.41	365.08	400.66	353.03	412.17	416.34	460.45
November.	404.21	398.40	370.23	401.64	361.49	415.83	411.07	471.06
December.	411.70	405.62	374.83	395.76	362.39	412.23	429.52	451.61
1982								
January..	395.04	380.09	368.55	381.02	357.08	391.84	420.03	458.64
February.	404.63	395.36	369.60	398.16	358.09	391.82	442.90	459.42

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1971	277.5	261.2	16.3	5.9	1971	164.8	152.2	12.6	7.6
1972	282.2	267.4	14.9	5.3	1972	165.6	155.3	10.3	6.2
1973	287.0	274.8	12.2	4.3	1973	171.1	163.1	8.0	4.7
1974	290.3	277.3	13.0	4.5	1974	175.4	167.2	8.1	4.6
1975	291.1	263.5	27.6	9.5	1975	174.2	157.5	16.7	9.6
1976	290.2	265.3	24.9	8.6	1976	173.8	158.0	15.7	9.1
1977	292.9	273.6	19.4	6.6	1977	175.0	162.2	12.8	7.3
1978	297.8	281.1	16.7	5.6	1978	179.2	169.4	9.8	5.5
1979	302.7	284.3	18.3	6.1	1979	183.6	173.1	10.5	5.7
1980	303.1	277.5	25.6	8.5	1980	186.5	169.8	16.7	8.9
1981	301.8	273.2	28.6	9.5	1981	188.1	170.1	18.0	9.6
1981					1981				
January	292.6	261.7	30.8	10.5	January ...	182.9	163.9	18.9	10.3
February ...	292.4	263.4	28.9	9.9	February ..	181.7	163.7	18.0	9.9
March	298.2	271.2	27.0	9.1	March	186.1	168.2	17.9	9.6
April	300.4	278.1	22.3	7.4	April	186.9	172.6	14.3	7.7
May	308.4	283.6	24.8	8.0	May	191.0	175.6	15.3	8.0
June	302.9	277.0	25.9	8.6	June	190.1	173.8	16.3	8.6
July	308.2	278.7	29.4	9.6	July	193.8	175.5	18.3	9.5
August	307.0	276.9	30.1	9.8	August	191.8	174.4	17.4	9.1
September ..	302.6	273.1	29.5	9.7	September .	189.2	169.1	20.1	10.6
October	302.2	273.7	28.6	9.4	October ...	187.0	169.5	17.5	9.4
November ...	304.6	272.2	32.4	10.6	November ..	188.8	168.9	19.9	10.5
December ...	302.7	269.0	33.7	11.1	December ..	187.8	166.2	21.6	11.5
1982					1982				
January[p] ...	298.7	264.5	34.2	11.5	January[p] ..	187.7	164.1	23.6	12.6
CINCINNATI[d]					CLEVELAND[e]				
1971	550.0	516.0	34.0	6.2	1971	866.3	811.4	54.9	6.3
1972	561.0	529.0	32.0	5.7	1972	873.4	825.3	48.1	5.5
1973	572.0	543.0	29.0	5.1	1973	883.5	848.7	34.8	3.9
1974	595.3	569.8	25.5	4.3	1974	897.7	860.1	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	894.1	823.7	70.5	7.9
1976	600.6	562.6	38.0	6.3	1976	894.4	831.3	63.1	7.1
1977	619.1	584.6	34.4	5.6	1977	904.7	850.9	53.8	5.9
1978	642.8	610.5	32.3	5.0	1978	918.1	875.2	43.0	4.7
1979	657.9	622.9	35.1	5.3	1979	932.2	885.7	46.5	5.0
1980	674.4	626.8	47.5	7.0	1980	941.6	873.4	68.2	7.2
1981	689.2	629.7	59.4	8.6	1981	929.2	850.8	78.4	8.4
1981					1981				
January	668.3	606.9	61.5	9.2	January ...	906.5	827.9	78.6	8.7
February ...	664.9	607.3	57.6	8.7	February ..	900.9	822.6	78.3	8.7
March	677.5	621.4	56.1	8.3	March	924.2	847.1	77.1	8.3
April	684.7	636.8	47.9	7.0	April	927.7	864.5	63.3	6.8
May	695.5	645.0	50.5	7.3	May	942.6	875.3	67.3	7.1
June	697.2	643.2	54.1	7.8	June	942.1	869.6	72.6	7.7
July	706.2	643.8	62.4	8.8	July	960.4	877.8	82.6	8.6
August	697.6	638.8	58.8	8.4	August	947.5	867.9	79.7	8.4
September ..	695.2	631.1	64.1	9.2	September .	922.4	839.8	82.6	9.0
October	693.9	630.5	63.4	9.1	October ...	923.6	843.7	79.9	8.7
November ...	697.5	629.5	68.0	9.8	November ..	931.4	844.3	87.1	9.4
December ...	691.6	622.6	69.0	10.0	December ..	921.1	829.1	92.1	10.0
1982					1982				
January[p] ...	666.0	595.1	70.9	10.7	January[p] ..	907.3	822.9	84.4	9.3

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data beginning with 1981 are geared to 1980 Census (in Cincinnati area, only 1982 data). [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1971	445.4	425.5	19.9	4.5	1971	349.3	326.0	23.3	6.7
1972	469.1	450.2	18.9	4.0	1972	353.6	336.3	17.3	4.9
1973	485.3	468.2	17.1	3.5	1973	357.9	343.4	14.5	4.0
1974	494.7	474.7	19.9	4.0	1974	358.9	341.9	17.0	4.7
1975	493.5	457.1	36.4	7.4	1975	356.5	326.7	29.8	8.4
1976	501.7	466.7	35.0	7.0	1976	359.2	335.0	24.1	6.7
1977	511.1	481.2	29.9	5.9	1977	366.6	346.4	20.2	5.5
1978	529.4	504.6	24.8	4.7	1978	379.6	362.3	17.3	4.6
1979	540.9	515.1	25.7	4.8	1979	390.6	366.5	24.1	6.2
1980	557.4	525.8	31.6	5.7	1980	389.0	359.8	29.2	7.5
1981	562.5	518.7	43.8	7.8	1981	389.8	357.4	32.4	8.3
1981					1981				
January	545.0	502.3	42.7	7.8	January	381.1	348.7	32.4	8.5
February	543.6	501.6	42.0	7.7	February	377.5	346.7	30.8	8.2
March	557.2	515.9	41.3	7.4	March	387.2	357.1	30.2	7.8
April	559.4	525.0	34.4	6.1	April	388.2	363.3	24.9	6.4
May	571.5	533.4	38.0	6.7	May	396.4	368.4	27.9	7.1
June	569.3	528.1	41.2	7.2	June	393.2	363.4	29.8	7.6
July	573.9	528.1	45.8	8.0	July	397.4	362.2	35.2	8.9
August	569.2	524.6	44.7	7.8	August	392.7	359.0	33.8	8.6
September	561.3	511.9	49.4	8.8	September	388.9	354.8	34.1	8.8
October	565.5	519.2	46.3	8.2	October	389.7	356.4	33.3	8.5
November	570.6	520.4	50.2	8.8	November	393.8	357.1	36.7	9.3
December	563.4	514.2	49.2	8.7	December	391.4	352.2	39.2	10.0
1982					1982				
January[p]	554.9	506.1	48.8	8.8	January[p]	388.9	349.1	39.8	10.2
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1971	319.3	300.3	19.1	6.0	1971	225.0	207.1	17.9	8.0
1972	329.4	311.3	18.1	5.5	1972	226.9	212.1	14.8	6.5
1973	339.8	324.2	15.6	4.6	1973	232.4	221.7	10.7	4.6
1974	343.8	324.2	19.7	5.7	1974	236.3	223.3	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.0	209.1	26.9	11.4
1976	347.3	318.5	28.8	8.3	1976	233.4	209.8	23.6	10.1
1977	353.9	328.5	25.4	7.2	1977	233.0	214.0	18.9	8.1
1978	361.2	338.8	22.4	6.2	1978	234.3	216.6	17.7	7.5
1979	366.4	340.1	26.3	7.2	1979	236.2	219.1	17.1	7.2
1980	367.5	329.3	38.2	10.4	1980	237.5	209.5	28.0	11.8
1981	366.9	327.3	39.6	10.8	1981	233.1	205.3	27.7	11.9
1981					1981				
January	356.9	315.3	41.6	11.7	January	234.1	198.2	35.9	15.3
February	354.2	311.3	42.9	12.1	February	231.1	196.4	34.7	15.0
March	363.5	323.6	39.9	11.0	March	231.8	204.1	27.7	11.9
April	364.9	333.1	31.8	8.7	April	229.7	208.6	21.1	9.2
May	373.2	339.6	33.6	9.0	May	235.4	214.3	21.1	8.9
June	373.9	339.2	34.7	9.3	June	234.5	212.3	22.1	9.4
July	374.6	334.4	40.3	10.8	July	237.6	212.2	25.3	10.7
August	370.7	330.9	39.9	10.8	August	234.5	207.1	27.4	11.7
September	365.7	324.9	40.8	11.2	September	231.0	205.2	25.8	11.2
October	370.6	329.0	41.6	11.2	October	230.2	204.9	25.3	11.0
November	368.8	326.1	42.6	11.6	November	235.0	205.6	29.4	12.5
December	365.4	319.9	45.5	12.4	December	232.0	195.0	37.1	16.0
1982					1982				
January[p]	363.7	313.5	50.1	13.8	January[p]	233.1	196.6	36.5	15.7

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data beginning with 1981 are geared to 1980 Census. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1971	4,417	4,130	286	6.5	5.9
1972	4,511	4,261	249	5.5	5.6
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,086	4,660	426	8.4	7.1
1981	5,085	4,595	490	9.6	7.6
1981					
February.	4,922	4,423	499	10.1	8.0
March ...	5,039	4,567	471	9.3	7.7
April ...	5,058	4,672	386	7.6	7.0
May	5,167	4,752	414	8.0	7.1
June	5,144	4,707	437	8.5	7.7
July	5,221	4,726	495	9.5	7.3
August ..	5,163	4,676	487	9.4	7.2
September	5,076	4,566	510	10.0	7.3
October .	5,084	4,580	504	9.9	7.5
November.	5,121	4,560	561	10.9	7.9
December.	5,073	4,473	600	11.8	8.3
1982					
January .	5,032	4,434	598	11.9	9.4
February.	4,967	4,361	606	12.2	9.6

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1971	3,839.5	1,333.8	2,505.7
1972	3,938.3	1,346.8	2,591.5
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.5	3,102.8
1981	4,323.1	1,232.5	3,090.5
1981			
February.	4,251.3	1,225.8	3,025.5
March ...	4,289.4	1,239.4	3,050.0
April ...	4,326.0	1,243.3	3,082.7
May	4,356.7	1,247.2	3,109.6
June	4,384.6	1,256.2	3,128.4
July	4,326.0	1,241.7	3,084.4
August ..	4,315.1	1,236.9	3,078.2
September	4,359.0	1,252.9	3,106.1
October .	4,363.4	1,232.0	3,131.4
November.	4,342.7	1,211.9	3,130.8
December.	4,301.4	1,173.8	3,127.6
1982			
January .	4,190.3	1,167.1	3,023.2
February.	4,176.0	1,151.3	3,024.7

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1971	20.8	155.2	223.8	185.5	597.3	158.6	587.4	577.2
1972	22.7	165.1	222.9	189.6	626.7	163.8	611.7	589.1
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.4	726.6	203.8	830.9	689.9
1981	30.3	154.2	218.4	230.7	715.3	205.2	856.2	680.2
1981								
February.	30.4	131.7	213.6	227.9	689.1	202.8	831.3	698.6
March ...	31.0	139.4	214.5	228.9	695.2	203.3	838.4	699.4
April ...	22.7	150.6	217.0	230.2	709.5	204.0	854.3	694.4
May	23.1	155.6	217.8	230.4	719.0	204.6	859.3	699.6
June	31.6	161.6	220.0	232.6	720.5	206.4	870.0	685.6
July	32.4	166.7	220.3	232.4	717.0	207.0	864.7	644.0
August ..	32.4	167.2	220.7	231.9	719.5	207.3	864.8	634.3
September	32.6	165.9	221.2	231.6	722.9	206.2	871.1	654.6
October .	31.8	166.2	221.2	231.4	721.6	206.0	870.0	683.2
November.	32.4	161.3	220.5	231.1	728.1	205.6	864.9	686.9
December.	32.2	149.0	220.1	231.2	740.2	206.3	860.2	688.6
1982								
January .	31.8	126.5	213.4	228.4	692.5	204.5	849.7	676.4
February.	31.7	122.5	212.8	227.6	681.9	204.5	858.2	685.6

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures.

Division of Research and Statistics
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Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1971	1,333.8	936.1	397.7	958.1	$160.7	39.0
1972	1,346.8	948.8	398.0	977.6	181.0	40.7
1973	1,426.3	1,018.2	408.1	1,045.0	210.4	44.2
1974	1,416.6	1,013.1	403.5	1,026.5	217.0	42.3
1975	1,267.5	892.4	375.1	899.3	201.9	36.2
1976	1,295.3	910.6	384.6	922.0	232.8	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.5	882.6	382.0	867.8	301.9	35.2
1981	1,232.5	858.9	373.6	847.6	330.4	34.7
1981						
February.	1,225.8	853.9	371.9	839.1	314.1	34.1
March ...	1,239.4	867.6	371.8	852.5	325.3	34.9
April ...	1,243.3	870.4	373.0	858.6	332.3	35.2
May	1,247.2	873.2	373.9	861.9	337.1	35.6
June	1,256.2	879.3	376.9	869.0	345.4	36.0
July	1,241.7	867.2	374.4	854.5	331.7	34.7
August ..	1,236.9	860.2	376.7	851.4	335.3	34.8
September	1,252.9	872.6	380.3	868.0	344.5	35.6
October .	1,232.0	858.2	373.8	848.8	334.0	34.3
November.	1,211.9	841.1	370.8	830.6	331.0	33.8
December.	1,173.8	807.0	366.8	794.3	316.3	32.4
1982						
January .	1,167.1	804.8	362.3	789.1	305.8	31.0
February.	1,151.3	791.2	360.0	776.0	307.6	31.2

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1971	$167.68	$171.96	$158.77	40.7	40.8	40.4	$4.12	$4.20	$3.93
1972	185.12	190.19	172.60	41.6	41.8	40.9	4.45	4.55	4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.59	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1981									
February.	374.33	386.24	343.36	40.6	40.7	40.3	9.22	9.49	8.52
March ...	381.60	395.38	348.39	40.9	41.1	40.7	9.33	9.62	8.56
April ...	387.04	398.93	354.14	41.0	41.0	40.8	9.44	9.73	8.68
May	391.11	403.65	357.93	41.3	41.4	41.0	9.47	9.75	8.73
June	397.44	411.27	359.98	41.4	41.5	41.0	9.60	9.91	8.78
July	388.14	400.49	357.62	40.6	40.7	40.5	9.56	9.84	8.83
August ..	393.87	406.72	360.45	40.9	41.0	40.5	9.63	9.92	8.90
September	396.88	408.59	365.79	41.0	40.9	41.1	9.68	9.99	8.90
October .	393.50	405.21	364.41	40.4	40.4	40.4	9.74	10.03	9.02
November.	398.45	410.26	367.43	40.7	40.7	40.6	9.79	10.08	9.05
December.	398.21	409.22	372.91	40.8	40.8	40.8	9.76	10.03	9.14
1982									
January .	387.50	395.69	366.83	39.3	39.1	39.7	9.86	10.12	9.24
February.	396.37	406.21	372.08	40.2	40.1	40.4	9.86	10.13	9.21

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1971	68.7	158.5	160.0	200.0	127.4	155.2	80.4	68.2	99.3
1972	70.3	158.9	162.7	205.1	126.9	155.0	78.2	66.8	102.2
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.9	67.4	92.7
1981	61.2	137.9	154.6	203.5	102.0	136.5	70.5	66.3	89.0
1981									
February.	60.2	138.2	153.0	204.9	101.9	133.8	69.5	66.5	89.0
March ...	60.9	139.4	154.6	204.9	101.3	143.5	69.0	66.4	89.3
April ...	61.5	140.7	156.3	205.8	101.8	141.3	69.6	66.0	90.0
May	61.9	140.8	157.3	206.1	102.2	141.5	69.3	66.0	90.4
June	62.8	141.4	158.6	206.7	103.3	142.3	70.5	66.1	90.7
July	61.9	139.3	156.2	204.7	103.0	137.8	70.1	66.3	89.3
August ..	62.7	139.7	153.9	202.2	103.3	133.8	72.5	66.4	89.0
September	62.4	140.8	156.8	204.5	103.9	139.0	74.7	66.6	89.8
October .	60.9	137.3	155.0	202.3	102.0	136.6	71.2	66.7	88.7
November.	60.4	134.3	152.9	198.8	100.1	132.4	69.9	66.2	87.5
December.	58.2	125.0	148.3	196.6	97.8	119.5	70.0	66.0	84.8
1982									
January .	55.4	126.0	143.3	193.2	97.9	129.8	68.3	65.6	84.0
February	55.2	123.6	142.1	192.3	97.4	121.1	68.3	65.9	82.3
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1971	$162.96	$177.36	$173.40	$169.33	$159.20	$198.55	$163.49	$173.82	$162.80
1972	175.14	204.61	187.87	193.46	164.42	219.99	173.43	187.21	180.48
1973	189.03	228.72	204.67	208.80	176.23	241.01	188.94	203.06	193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	388.40	388.75	356.87	466.88	363.62	348.08	369.08
1981									
February.	330.86	468.54	378.01	377.73	343.48	436.30	351.51	324.63	355.37
March ...	334.14	477.25	330.19	382.39	349.32	447.04	347.24	329.12	367.84
April ...	337.77	495.76	387.73	379.35	354.24	457.19	353.83	337.42	370.71
May	345.24	488.04	394.15	386.46	352.92	466.35	364.50	344.42	366.80
June	348.02	496.69	399.23	392.29	356.59	488.62	357.62	348.91	375.84
July	349.57	486.38	384.71	387.57	353.76	465.03	360.91	346.94	363.69
August ..	353.42	485.48	387.03	392.35	364.67	488.92	361.84	351.16	372.69
September	360.14	504.00	384.40	391.14	364.50	476.63	378.88	364.03	359.96
October .	356.65	475.61	390.98	393.72	366.93	477.02	368.33	356.45	374.54
November.	361.97	488.03	391.78	402.82	369.15	476.10	378.84	363.65	371.08
December.	359.31	476.80	397.23	403.94	369.33	475.86	379.61	368.16	386.75
1982									
January .	354.09	465.17	369.95	385.66	353.70	464.07	367.54	360.43	369.03
February.	361.89	480.39	390.65	395.04	363.60	475.73	375.46	366.91	378.51

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
FEBRUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1982[b]	January 1982[c]	February 1981[c]	January 1982	February 1981
TOTAL	4176.0	4190.3	4251.3	- .3	- 1.8
MANUFACTURING	1151.3	1167.1	1225.8	- 1.4	- 6.1
Durable Goods[e]	791.2	804.8	853.9	- 1.7	- 7.3
Lumber and wood products	12.4	12.6	13.2	- 1.2	- 5.9
Furniture and fixtures	13.8	13.4	14.8	2.8	- 6.9
Household furniture	6.3	5.9	6.8	7.9	- 7.7
Stone, clay, and glass products	55.2	55.4	60.2	- .3	- 8.2
Glass and glassware, pressed or blown	14.1	14.2	14.9	- .2	- 4.9
Structural clay products	4.6	4.7	6.0	- 3.1	- 23.6
Pottery and related products	6.1	5.7	6.9	7.2	- 11.1
Primary metal industries	123.6	126.0	138.2	- 1.9	- 10.6
Blast furnace and basic steel products	66.1	67.3	71.9	- 1.8	- 8.0
Iron and steel foundries	24.5	26.0	29.1	- 5.7	- 15.8
Nonferrous rolling and drawing	17.2	17.4	19.5	- .8	- 11.7
Nonferrous foundries	9.1	8.6	10.1	5.7	- 10.3
Fabricated metal products	142.1	143.3	153.0	- .9	- 7.1
Cutlery, hand tools, and hardware	11.8	11.8	13.2	.2	- 10.5
Plumbing and heating, except electric	4.6	4.4	5.1	4.6	- 10.7
Fabricated structural metal products	33.9	34.9	36.3	- 2.8	- 6.5
Screw machine products, bolts, etc.	10.1	9.9	10.6	1.6	- 5.1
Metal forgings and stampings	38.5	38.9	43.0	- .9	- 10.3
Machinery, except electrical	192.3	193.2	204.9	- .4	- 6.1
Construction and related machinery	24.1	23.9	25.5	1.0	- 5.4
Metalworking machinery	51.6	51.9	55.7	- .7	- 7.5
Special industry machinery	20.3	20.5	22.0	- .6	- 7.4
General industrial machinery	36.9	37.3	39.2	- 1.0	- 5.9
Electric and electronic equipment	97.4	97.9	101.9	- .6	- 4.4
Electrical industrial apparatus	22.6	22.7	24.0	- .2	- 5.7
Household appliances	15.7	16.0	17.9	- 2.1	- 12.1
Electric lighting and wiring equipment	19.5	19.4	19.6	.0	- .7
Communication equipment	11.8	11.8	12.0	.1	- 1.8
Transportation equipment	121.1	129.8	133.8	- 6.7	- 9.5
Motor vehicles and equipment	76.0	84.9	85.6	- 10.5	- 11.2
Aircraft and parts	36.2	36.0	37.9	.7	- 4.5
Instruments and related products	20.4	20.7	21.1	- 1.4	- 3.1
Measuring and controlling devices	12.2	12.4	13.0	- 1.6	- 6.3
Nondurable Goods[f]	360.0	362.3	371.9	- .6	- 3.2
Food and kindred products	68.3	68.3	69.5	.0	- 1.7
Meat products	11.1	11.0	11.7	1.2	- 4.8
Dairy products	11.2	11.3	11.5	- .5	- 2.5
Bakery products	11.1	11.2	12.0	- .6	- 7.5
Beverages	10.5	10.7	10.6	- 1.9	- 1.3
Textile mill products	4.5	4.5	4.8	.1	- 6.6
Apparel and other textile products	16.9	17.0	16.8	- .3	.8
Paper and allied products	36.3	36.7	38.1	- 1.1	- 4.7
Paper mills, except building paper	9.2	9.4	9.7	- 1.3	- 5.2
Misc. converted paper products	11.8	11.8	11.7	.0	.2
Paperboard containers and boxes	12.0	12.2	13.1	- 1.6	- 8.3
Printing and publishing	65.9	65.6	66.5	.4	- .9
Newspapers	19.5	19.5	19.6	- .1	- .5
Commercial printing	24.8	24.6	25.4	.8	- 2.7
Chemicals and allied products	67.2	67.4	67.6	- .3	- .6
Industrial inorganic chemicals	12.9	13.0	12.9	- .5	.3
Plastics materials and synthetics	9.6	9.6	9.7	- .6	- 1.5
Petroleum and coal products	13.4	13.4	14.0	.2	- 4.1
Rubber and misc. plastics products	82.3	84.0	89.0	- 2.0	- 7.5
Tires and inner tubes	23.0	23.4	25.2	- 1.6	- 8.8
Miscellaneous plastics products	39.7	41.2	43.6	- 3.7	- 9.1
Leather and leather products	5.0	5.3	5.4	- 5.0	- 7.5

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO^{a}
FEBRUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1982^{b}	January 1982^{c}	February 1981^{c}	Feb. 1982^{b}	Jan. 1982^{c}	Feb. 1981^{c}	Feb. 1982^{b}	Jan. 1982^{c}	Feb. 1981^{c}
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$396.37	$387.50	$374.33	40.2	39.3	40.6	$ 9.86	$ 9.86	$ 9.22
Durable Goods^{d}	406.21	395.69	386.24	40.1	39.1	40.7	10.13	10.12	9.49
Lumber and wood products	278.91	264.65	246.52	38.9	37.7	38.7	7.17	7.02	6.37
Furniture and fixtures	289.73	277.06	270.78	39.1	36.6	39.3	7.41	7.57	6.89
Household furniture	257.66	229.16	240.63	38.4	33.8	39.0	6.71	6.78	6.17
Stone, clay, and glass products	361.89	354.09	330.86	40.3	39.3	40.3	8.98	9.01	8.21
Glass and glassware, pressed or blown.	366.91	361.37	349.80	38.5	38.2	40.3	9.53	9.46	8.68
Structural clay products	281.26	267.70	257.15	41.0	39.6	39.5	6.86	6.76	6.51
Pottery and related products	289.94	276.24	268.88	38.2	35.1	38.8	7.59	7.87	6.93
Primary metal industries	480.39	465.17	468.54	39.8	38.7	41.1	12.07	12.02	11.40
Blast furnace and basic steel products	519.95	514.44	520.40	39.6	39.3	41.4	13.13	13.09	12.57
Iron and steel foundries	440.70	402.13	407.63	40.1	37.2	40.2	10.99	10.81	10.14
Nonferrous rolling and drawing	465.60	443.50	450.32	38.8	37.3	40.1	12.00	11.89	11.23
Nonferrous foundries	349.40	327.92	332.52	41.3	39.7	40.9	8.46	8.26	8.13
Fabricated metal products	390.65	369.95	379.22	39.7	38.1	40.3	9.84	9.71	9.41
Cutlery, hand tools, and hardware	399.80	382.62	383.90	39.9	38.3	38.7	10.02	9.99	9.92
Plumbing and heating, except electric.	319.66	333.03	318.27	37.3	38.5	39.1	8.57	8.65	8.14
Fabricated structural metal products .	362.40	343.93	332.42	40.0	38.3	39.2	9.06	8.98	8.48
Screw machine products, bolts, etc.	339.49	325.50	341.09	39.8	37.5	39.8	8.53	8.68	8.57
Metal forgings and stampings	455.96	419.25	467.87	39.7	37.5	41.7	11.47	11.18	11.22
Machinery, except electrical	395.04	385.66	378.14	40.6	39.8	41.6	9.73	9.69	9.09
Construction and related machinery	425.70	403.10	373.51	41.9	40.8	41.0	10.16	9.88	9.11
Metalworking machinery	381.00	374.23	387.11	39.4	38.7	42.4	9.67	9.67	9.13
Special industry machinery	376.68	377.10	352.21	41.9	41.9	42.9	8.99	9.00	8.21
General industrial machinery	393.38	380.60	355.55	40.1	39.4	38.9	9.81	9.66	9.14
Electric and electronic equipment	363.60	353.70	340.17	40.0	39.3	40.4	9.09	9.00	8.42
Electrical industrial apparatus	353.02	347.99	354.06	39.4	39.1	42.2	8.96	8.90	8.39
Household appliances	360.99	358.51	338.37	38.9	38.8	39.3	9.28	9.24	8.61
Electric lighting and wiring equipment	361.74	340.85	316.01	41.2	40.1	39.8	8.78	8.50	7.94
Communication equipment	401.80	400.60	369.87	40.1	40.1	39.9	10.02	9.99	9.27
Transportation equipment	475.73	464.07	437.38	40.8	39.8	40.8	11.66	11.66	10.72
Motor vehicles and equipment	493.70	478.74	456.25	40.6	39.5	40.7	12.16	12.12	11.21
Aircraft and parts	441.00	429.55	400.41	41.1	40.6	40.9	10.73	10.58	9.79
Instruments and related products	279.50	281.91	250.65	39.2	39.1	38.8	7.13	7.21	6.46
Measuring and controlling devices	281.00	287.17	250.39	39.3	39.5	38.7	7.15	7.27	6.47
Nondurable Goods^{e}	372.08	366.83	343.36	40.4	39.7	40.3	9.21	9.24	8.52
Food and kindred products	375.46	367.54	351.51	40.9	40.3	41.5	9.18	9.12	8.47
Meat products	428.58	434.28	403.54	42.1	42.0	42.3	10.18	10.34	9.54
Dairy products	365.08	371.47	339.47	42.9	43.6	43.3	8.51	8.52	7.84
Bakery products	359.83	359.44	341.85	38.9	38.9	40.6	9.25	9.24	8.42
Beverages	322.39	315.01	304.40	37.4	36.8	40.0	8.62	8.56	7.61
Textile mill products	257.67	249.75	244.61	39.1	37.5	38.4	6.59	6.66	6.37
Apparel and other textile products	215.22	203.10	199.84	37.3	35.2	36.6	5.77	5.77	5.46
Paper and allied products	375.20	377.32	349.75	42.3	42.3	42.6	8.87	8.92	8.21
Paper mills, except building paper	476.67	479.32	449.35	46.1	46.0	47.5	10.34	10.42	9.46
Misc. converted paper products	334.15	332.51	302.40	40.8	40.6	40.7	8.19	8.19	7.43
Paperboard containers and boxes	328.40	337.77	310.31	40.0	40.5	40.3	8.21	8.34	7.70
Printing and publishing	366.91	360.43	324.63	38.5	37.9	37.1	9.53	9.51	8.75
Newspapers	318.21	324.06	301.64	31.6	32.8	32.4	10.07	9.88	9.31
Commercial printing	394.30	379.66	333.64	40.4	39.1	38.0	9.76	9.71	8.78
Chemicals and allied products	402.70	403.10	373.50	40.8	40.8	41.5	9.87	9.88	9.00
Industrial inorganic chemicals	420.24	422.50	410.06	40.8	40.9	41.8	10.30	10.33	9.81
Plastics materials and synthetics	442.80	434.60	400.06	43.2	42.4	42.2	10.25	10.25	9.48
Petroleum and coal products	562.90	589.75	506.52	43.2	45.4	42.0	13.03	12.99	12.06
Rubber and misc. plastics products	378.51	369.03	355.37	40.7	39.3	40.8	9.30	9.39	8.71
Tires and inner tubes	533.23	521.66	478.76	43.6	42.9	42.9	12.23	12.16	11.16
Miscellaneous plastics products	341.52	335.53	340.09	39.3	37.7	40.2	8.69	8.90	8.46
Leather and leather products	182.47	165.44	173.28	35.5	32.0	36.1	5.14	5.17	4.80

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
FEBRUARY 1982 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1982[b]	January 1982[c]	February 1981[c]	January 1982	February 1981
NONMANUFACTURING	3024.7	3023.2	3025.5	.1	.0
MINING	31.7	31.8	30.4	- .3	4.3
Bituminous coal and lignite mining	14.3	14.4	14.6	- .6	- 2.3
CONSTRUCTION	122.5	126.5	131.7	- 3.2	- 7.0
General building contractors	29.5	31.1	32.7	- 5.1	- 9.8
Heavy construction contractors	17.3	17.1	17.0	1.3	1.9
TRANSPORTATION AND PUBLIC UTILITIES	212.8	213.4	213.6	- .3	- .4
Railroad transportation	24.3	24.9	26.2	- 2.1	- 7.2
Transportation, except railroads	92.2	92.2	92.6	.0	- .3
Trucking and warehousing	70.2	69.4	70.6	1.1	- .6
Communication, electric, gas services	96.2	96.3	94.8	- .1	1.5
Communication	55.3	55.3	54.5	- .1	1.5
Electric, gas, and sanitary services	40.9	41.0	40.3	- .3	1.4
WHOLESALE TRADE	227.6	228.4	227.9	- .4	- .1
Wholesale trade-durable goods	147.3	147.7	147.6	- .3	- .2
Motor vehicles & automotive equipment	20.4	20.4	21.0	- .2	- 2.8
Electrical goods	19.3	19.4	19.2	- .4	.5
Machinery, equipment, and supplies	62.3	62.3	62.1	.1	.4
Wholesale trade-nondurable goods	80.3	80.7	80.2	- .5	.0
Groceries and related products	23.7	23.9	23.6	- .8	.7
RETAIL TRADE	681.9	692.5	689.1	- 1.5	- 1.1
General merchandise stores	110.6	117.4	115.8	- 5.8	- 4.5
Department stores	101.0	107.5	105.6	- 6.0	- 4.4
Food stores	114.9	116.1	115.3	- 1.0	- .3
Automotive dealers & service stations	69.8	70.2	73.1	- .6	- 4.6
Apparel and accessory stores	3 .7	34.6	34.2	- 2.6	- 1.3
FINANCE, INSURANCE, AND REAL ESTATE	204.5	204.5	202.8	.0	.8
Banking	59.0	59.1	58.9	- .2	.2
Credit agencies other than banks	30.7	30.7	31.0	- .1	- .8
Insurance carriers	59.1	58.9	58.3	.3	1.4
SERVICES	858.2	849.7	831.3	1.0	3.2
Hotels and other lodging places	30.0	29.8	29.0	.7	3.4
Laundry, cleaning, & garment services	16.9	17.0	17.2	- .4	- 1.3
Business services	127.4	126.2	122.0	1.0	4.4
Health services	305.3	304.2	288.7	.4	5.7
Hospitals	169.5	168.8	161.2	.4	5.2
GOVERNMENT	685.6	676.4	698.6	1.4	- 1.9
Federal government	88.7	88.5	89.6	.1	- 1.0
State government	147.2	141.1	147.4	4.3	- .1
State government, except education	72.0	72.0	71.7	.0	.4
State government education[i]	75.2	69.1	75.7	8.9	- .6
Local government	449.7	446.7	461.6	.7	- 2.6
Local government, except education	184.4	184.2	191.4	.1	- 3.7
Local government education	265.3	262.5	270.3	1.1	- 1.8

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
FEBRUARY 1982 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1982[b]	January 1982[c]	February 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$447.34	$446.03	$429.23	43.9	43.6	43.4	$10.19	$10.23	$ 9.89
Bituminous coal and lignite mining	533.75	537.11	496.00	42.7	42.9	43.7	12.50	12.52	11.35
CONSTRUCTION	541.29	494.90	477.20	38.2	35.0	36.4	14.17	14.14	13.11
General building contractors	460.46	418.56	420.37	36.2	32.7	34.4	12.72	12.80	12.22
Heavy construction contractors	626.45	519.68	489.06	43.9	38.1	38.6	14.27	13.64	12.67
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	461.77	435.37	432.42	38.1	36.1	38.2	12.12	12.06	11.32
Communication, electric, gas services	418.77	423.10	382.05	40.5	40.8	40.6	10.34	10.37	9.41
Communication	408.91	408.91	374.00	39.7	39.7	40.0	10.30	10.30	9.35
Electric, gas, and sanitary services	431.60	441.41	392.47	41.5	42.2	41.4	10.40	10.46	9.48
WHOLESALE TRADE	304.57	301.44	284.83	38.7	38.4	38.7	7.87	7.85	7.36
Wholesale trade-durable goods	298.76	294.91	282.69	38.7	38.3	39.1	7.72	7.70	7.23
Motor vehicles & automotive equipment	252.59	247.09[i]	272.45	37.7	37.1[i]	38.7	6.70	6.66[i]	7.04
Electrical goods	253.27	251.08	235.62	37.3	36.6	37.4	6.79	6.86	6.30
Machinery, equipment, and supplies	325.84	320.54	294.00	39.4	38.9	39.2	8.27	8.24	7.50
Wholesale trade-nondurable goods	316.18	312.19	288.04	38.7	38.4	37.9	8.17	8.13	7.60
Groceries and related products	349.73	343.36	322.36	41.0	40.3	40.6	8.53	8.52	7.94
RETAIL TRADE[f]	147.40	146.92	145.15	28.4	28.2	28.8	5.19	5.21	5.04
General merchandise stores	146.83	149.87	142.56	28.4	29.1	28.8	5.17	5.15	4.95
Department stores	148.82	151.90	144.00	28.4	29.1	28.8	5.24	5.22	5.00
Food stores	213.67	215.06[i]	225.27	30.7	30.9[i]	32.6	6.96	6.96[i]	6.91
Automotive dealers & service stations	193.04	195.08	196.13	36.7	37.3	37.5	5.26	5.23	5.23
Apparel and accessory stores	111.14	107.38	103.62	26.4	26.0	26.3	4.21	4.13	3.94
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	194.57	193.79	181.10	....	....	....	....	....	....
Credit agencies other than banks	197.39	198.66	188.55	....	....	....	....	....	....
Insurance carriers	266.58	263.26	243.34	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	252.67	250.66	228.15	33.6	33.6	33.9	7.52	7.46	6.73
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period. [i] Not comparable with previous figures due to change in sample composition.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1982[b]	January 1982[c]	February 1981[c]	January 1982	February 1981
TOTAL	252.5	252.2	254.6	.2	- .8
MANUFACTURING	72.7	73.0	75.8	- .4	- 4.1
Durable Goods[e]	36.3	36.0	37.1	1.0	- 2.1
Stone, clay, and glass products	1.8	1.6	1.8	8.2	- 4.6
Fabricated metal products	13.4	13.4	14.1	.1	- 5.1
Machinery, except electrical	10.4	10.1	10.7	2.3	- 2.9
Special industry machinery	2.0	2.0	2.2	- 3.1	- 9.9
Nondurable Goods[f]	36.3	37.0	38.6	- 1.8	- 6.0
Food and kindred products	2.9	2.9	3.0	1.8	- 2.8
Chemicals and allied products	3.7	3.8	3.6	- 3.3	1.6
Rubber and misc. plastics products	24.6	25.1	26.9	- 2.0	- 8.6
Tires and inner tubes	18.9	19.3	21.1	- 2.0	- 10.4
NONMANUFACTURING[g]	179.9	179.2	178.8	.4	.6
CONSTRUCTION	5.7	6.0	5.9	- 4.2	- 2.7
TRANSPORTATION AND PUBLIC UTILITIES	13.6	13.5	13.7	.4	- 1.3
Communication, electric, gas services	5.5	5.5	5.4	- .1	2.1
WHOLESALE TRADE	12.1	12.1	12.0	- .1	1.0
RETAIL TRADE	43.6	44.4	43.2	- 1.8	.9
FINANCE, INSURANCE, AND REAL ESTATE	9.1	9.1	9.1	.1	- .1
SERVICES	51.5	51.3	49.9	.4	3.1
GOVERNMENT	43.7	42.2	44.4	3.6	- 1.6
State government (includes education)	14.0	12.5	14.0	12.6	.5
Local government (includes education)	27.5	27.6	28.4	- .2	- 3.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1982[b]	January 1982[c]	February 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$404.63	$395.04	$382.63	41.5	40.6	41.5	$ 9.75	$ 9.73	$ 9.22
Durable Goods[d]	398.11	377.45	368.26	41.6	39.9	41.1	9.57	9.46	8.96
Stone, clay, and glass products	383.78	343.27	343.62	41.4	38.7	41.6	9.27	8.87	8.26
Fabricated metal products	400.25	360.75	375.54	40.8	37.5	39.2	9.81	9.62	9.58
Machinery, except electrical	394.74	389.23	374.98	42.4	42.4	43.4	9.31	9.18	8.64
Special industry machinery	353.87	352.60	329.23	41.1	41.0	41.0	8.61	8.60	8.03
Nondurable Goods[e]	414.00	417.49	399.00	41.4	41.5	42.0	10.00	10.06	9.50
Food and kindred products	402.99	421.92	381.65	43.1	44.6	44.9	9.35	9.46	8.50
Chemicals and allied products	385.12	395.52	394.42	40.2	40.4	43.2	9.58	9.79	9.13
Rubber and misc. plastics products	441.21	438.48	417.50	42.1	42.0	42.3	10.48	10.44	9.87
Tires and inner tubes	560.26	551.82	488.48	44.5	43.9	43.0	12.59	12.57	11.36
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	500.94	475.02	486.17	36.3	34.8	37.6	13.80	13.65	12.93
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	417.91	432.19	380.57	40.3	41.2	40.4	10.37	10.49	9.42
WHOLESALE TRADE	282.41	279.74	269.12	38.9	37.6	38.5	7.26	7.44	6.99
RETAIL TRADE[f]	163.81	163.27	162.76	29.2	29.0	29.7	5.61	5.63	5.48
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1982[b]	January 1982[c]	February 1981[c]	January 1982	February 1981
TOTAL	152.6	152.9	154.3	- .2	- 1.1
MANUFACTURING	52.8	52.7	54.8	.2	- 3.6
Durable Goods[e]	41.2	41.1	42.9	.2	- 4.0
Stone, clay, and glass products	2.1	2.1	2.0	- 2.7	1.4
Primary metal industries	13.3	13.1	14.2	1.5	- 6.1
Fabricated metal products	9.3	9.0	10.1	3.5	- 8.2
Fabricated structural metal products	3.3	3.4	3.5	- 1.5	- 5.9
Metal forgings and stampings	2.4	2.1	3.1	17.5	- 20.6
Nondurable Goods[f]	11.6	11.6	11.9	.0	- 2.3
Food and kindred products	4.2	4.2	4.2	- 1.0	- .5
Rubber and misc. plastics products	2.8	2.8	3.0	1.0	- 5.5
NONMANUFACTURING[g]	99.8	100.2	99.5	- .4	.3
CONSTRUCTION	4.0	4.3	4.1	- 7.2	- 2.2
TRANSPORTATION AND PUBLIC UTILITIES	7.0	7.0	7.0	.2	.0
Communication, electric, gas services	3.1	3.1	3.0	- .4	1.9
WHOLESALE TRADE	7.2	7.3	7.2	- 1.0	.0
RETAIL TRADE	24.9	25.4	24.7	- 1.8	.9
FINANCE, INSURANCE, AND REAL ESTATE	6.3	6.3	6.3	- .1	.2
SERVICES	29.8	29.6	29.4	.9	1.6
GOVERNMENT	19.1	19.0	19.5	.9	- 1.9
Local government (includes education)	16.0	15.8	16.3	1.1	- 1.6

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1982[b]	January 1982[c]	February 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$395.36	$380.09	$382.00	39.3	38.2	40.0	$10.06	$ 9.95	$ 9.55
Durable Goods[d]	401.31	380.89	390.40	39.0	37.6	40.0	10.29	10.13	9.76
Stone, clay, and glass products	274.32	268.71	240.98	41.5	40.9	40.5	6.61	6.57	5.95
Primary metal industries	448.22	412.95	475.20	36.8	34.1	40.0	12.18	12.11	11.88
Fabricated metal products	404.54	382.40	400.66	39.2	39.1	40.8	10.32	9.78	9.82
Fabricated structural metal products	386.56	400.03	356.89	40.1	41.8	40.1	9.64	9.57	8.90
Metal forgings and stampings	489.24	425.46	491.84	40.5	39.8	42.4	12.08	10.69	11.60
Nondurable Goods[e]	373.32	374.33	344.34	40.8	40.6	39.9	9.15	9.22	8.63
Food and kindred products	441.83	428.93	408.04	41.1	39.9	41.3	10.75	10.75	9.88
Rubber and misc. plastics products	376.66	374.26	340.32	45.6	45.2	42.7	8.26	3.28	7.97
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	484.81	457.44	457.21	35.7	33.1	36.2	13.58	13.82	12.63
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	434.29	431.17	388.40	41.4	41.3	41.1	10.49	10.44	9.45
WHOLESALE TRADE	286.15	284.62	273.22	37.9	38.0	39.2	7.55	7.49	6.97
RETAIL TRADE[f]	143.20	142.92	138.14	28.3	28.3	28.6	5.06	5.05	4.83
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1982[b]	January 1982[c]	February 1981[c]	January 1982	February 1981
TOTAL	575.8	576.7	586.1	- .1	- 1.8
MANUFACTURING	149.5	151.9	158.1	- 1.6	- 5.4
Durable Goods[e]	82.0	83.7	87.8	- 2.0	- 6.5
Furniture and fixtures	2.3	2.4	2.6	- 3.1	- 9.1
Primary metal industries	2.5	2.5	2.2	- .8	13.2
Fabricated metal products	13.3	13.3	14.6	- .6	- 9.2
Fabricated structural metal products	4.4	4.4	4.9	- 1.4	- 10.9
Machinery, except electrical	24.8	25.2	25.1	- 1.5	- 1.0
Metalworking machinery	13.1	13.2	13.1	- .9	.1
General industrial machinery	3.5	3.7	3.7	- 6.5	- 6.0
Electric and electronic equipment	8.3	8.4	8.4	- 1.5	- 2.0
Transportation equipment	20.1	21.4	25.1	- 6.2	- 20.0
Motor vehicles and equipment	5.5	6.7	8.7	- 17.7	- 36.7
Nondurable Goods[f]	67.5	68.2	70.3	- 1.0	- 4.0
Food and kindred products	16.0	16.3	16.9	- 1.6	- 5.3
Meat products	2.2	2.3	2.5	- .2	- 10.9
Bakery products	2.4	2.5	2.8	- 2.3	- 15.2
Beverages	4.7	4.8	4.9	- 3.5	- 5.0
Apparel and other textile products	3.8	3.9	3.7	- 1.9	4.6
Paper and allied products	6.1	6.2	6.5	- 1.7	- 5.4
Printing and publishing	11.8	11.8	12.2	.1	- 3.0
Chemicals and allied products	22.1	22.0	22.2	.2	- .5
Rubber and misc. plastics products	4.0	4.0	4.4	- 2.2	- 9.8
NONMANUFACTURING[g]	426.3	424.8	428.1	.4	- .4
CONSTRUCTION	19.1	19.0	20.2	.3	- 5.7
TRANSPORTATION AND PUBLIC UTILITIES	32.8	32.8	32.8	.2	.0
Communication, electric, gas services	14.3	14.3	14.1	- .5	.8
WHOLESALE TRADE	37.6	37.7	38.1	- .3	- 1.3
RETAIL TRADE	97.5	98.8	98.4	- 1.3	- .9
FINANCE, INSURANCE, AND REAL ESTATE	31.8	31.9	32.2	- .1	- 1.0
Banking	7.4	7.4	7.4	- .5	- .3
Insurance carriers	11.3	11.3	11.2	.1	1.3
SERVICES	121.8	120.8	119.6	.8	1.8
GOVERNMENT	85.5	83.5	86.5	2.3	- 1.2
Federal government	13.8	12.8	14.0	8.1	- 1.2
State government (includes education)	18.9	18.4	19.0	2.9	- .6
Local government	52.8	52.4	53.5	.7	- 1.4
Local government, except education	21.4	21.6	22.4	- .7	- 4.2
Local government education	31.3	30.8	31.1	1.7	.6

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1982[b]	January 1982[c]	February 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$369.60	$368.55	$350.55	40.0	39.8	41.0	$ 9.24	$ 9.26	$ 8.55
Durable Goods[d]	350.76	349.27	343.19	39.5	39.2	41.1	8.88	8.91	8.35
Furniture and fixtures	249.57	250.28	242.90	35.2	35.4	37.6	7.09	7.07	6.46
Primary metal industries	394.39	362.95	357.69	39.4	35.9	40.1	10.01	10.11	8.92
Fabricated metal products	343.27	338.83	331.28	38.7	38.2	40.4	8.87	8.87	8.20
Fabricated structural metal products	303.38	299.53	286.88	39.4	38.9	39.9	7.70	7.70	7.19
Machinery, except electrical	330.03	327.55	329.33	38.6	38.4	41.9	8.55	8.53	7.86
Metalworking machinery	349.30	347.45	375.32	37.6	37.4	44.0	9.29	9.29	8.53
General industrial machinery	326.54	321.95	272.65	39.2	38.1	37.4	8.33	8.45	7.29
Electric and electronic equipment	279.17	272.42	262.25	38.4	38.1	39.2	7.27	7.15	6.69
Transportation equipment	478.92	471.03	449.43	41.9	41.5	42.2	11.43	11.35	10.65
Motor vehicles and equipment	559.76	554.27	513.34	42.6	43.1	43.8	13.14	12.86	11.72
Nondurable Goods[e]	391.94	388.65	359.98	40.7	40.4	41.0	9.63	9.62	8.78
Food and kindred products	430.11	434.84	392.76	40.5	41.1	40.7	10.62	10.58	9.65
Meat products	446.42	494.86	450.71	40.4	43.6	42.6	11.05	11.35	10.58
Bakery products	370.26	371.47	357.76	39.6	39.9	41.6	9.35	9.31	8.60
Beverages	384.80	383.60	333.21	40.0	40.0	38.7	9.62	9.59	8.61
Apparel and other textile products	218.36	204.14	212.95	37.2	34.6	38.3	5.87	5.90	5.56
Paper and allied products	342.08	327.06	307.84	42.6	41.4	41.1	8.03	7.90	7.49
Printing and publishing	379.03	373.07	335.02	39.4	38.7	37.6	9.62	9.64	8.91
Chemicals and allied products	442.88	444.36	420.65	41.9	42.0	43.5	10.57	10.58	9.67
Rubber and misc. plastics products	312.07	296.46	323.04	40.9	39.9	42.9	7.63	7.43	7.53
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	610.46	529.50	500.20	42.6	37.5	38.3	14.33	14.12	13.06
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	377.91	386.91	342.60	38.8	39.4	38.8	9.74	9.82	8.83
WHOLESALE TRADE	302.23	302.61	285.22	38.5	38.5	38.7	7.85	7.86	7.37
RETAIL TRADE[f]	151.55	150.07	143.55	29.6	29.6	29.0	5.12	5.07	4.95
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	196.40	194.55	182.19	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1982[b]	January 1982[c]	February 1981[c]	January 1982	February 1981
TOTAL	854.6	856.1	867.1	- .2	- 1.4
MANUFACTURING	237.3	238.0	247.1	- .3	- 4.0
Durable Goods[e]	170.6	171.5	180.7	- .5	- 5.6
Furniture and fixtures	2.2	2.2	2.4	- 2.4	- 7.2
Primary metal industries	27.7	27.9	29.2	- .7	- 5.3
Blast furnace and basic steel products	14.5	14.3	15.5	.9	- 6.7
Iron and steel foundries	6.5	6.8	6.7	- 5.5	- 3.2
Nonferrous foundries	3.0	3.0	2.9	.8	5.5
Fabricated metal products	36.8	36.9	37.8	- .3	- 2.5
Fabricated structural metal products	4.3	4.4	4.3	- 2.8	- .9
Screw machine products, bolts, etc.	5.8	5.8	5.9	- .1	- .5
Metal forgings and stampings	12.4	12.5	12.6	- .4	- 1.5
Machinery, except electrical	42.8	43.0	46.5	- .5	- 8.0
Construction and related machinery	7.1	7.0	8.0	2.6	- 11.2
Metalworking machinery	15.2	15.3	17.0	- .6	- 10.7
Special industry machinery	4.5	4.4	4.7	1.5	- 5.1
General industrial machinery	3.6	3.6	3.9	- 1.7	- 7.7
Electric and electronic equipment	25.0	25.1	24.3	- .4	2.9
Electrical industrial apparatus	8.7	8.7	9.1	- .1	- 4.8
Transportation equipment	20.9	21.1	24.8	- 1.2	- 15.7
Motor vehicles and equipment	13.7	13.9	17.0	- 1.6	- 19.4
Instruments and related products	6.5	6.5	6.6	- .1	- 1.9
Nondurable Goods[f]	66.7	66.5	66.4	.3	.4
Food and kindred products	8.3	8.3	8.3	.1	- .8
Bakery products	1.9	1.8	1.8	.8	.2
Beverages	1.5	1.5	1.6	- 1.2	- 1.8
Apparel and other textile products	5.4	5.3	5.6	1.2	- 4.1
Paper and allied products	5.0	5.0	5.1	- .3	- 2.7
Printing and publishing	15.6	15.6	15.0	- .1	3.8
Chemicals and allied products	15.7	15.8	16.0	- .4	- 1.7
Industrial inorganic chemicals	4.1	4.1	4.2	- .1	- 1.3
Rubber and misc. plastics products	10.6	10.4	10.6	2.1	.1
NONMANUFACTURING[g]	617.3	618.0	620.0	- .1	- .4
CONSTRUCTION	23.4	23.8	23.8	- 1.6	- 1.9
TRANSPORTATION AND PUBLIC UTILITIES	43.4	44.1	43.2	- 1.6	.3
Communication, electric, gas services	20.1	20.1	19.4	- .1	3.6
WHOLESALE TRADE	60.8	61.0	62.1	- .4	- 2.1
RETAIL TRADE	131.0	133.3	133.5	- 1.7	- 1.9
FINANCE, INSURANCE, AND REAL ESTATE	47.5	47.6	47.5	- .2	.0
Banking	13.4	13.4	13.7	.1	- 2.0
Insurance carriers	11.9	11.9	11.8	- .3	.8
SERVICES	192.3	190.2	187.3	1.1	2.7
GOVERNMENT	117.7	116.8	121.2	.8	- 2.9
Federal government	19.5	19.5	20.1	.0	- 3.1
State government (includes education)	7.9	7.7	8.2	2.7	- 2.9
Local government	90.3	89.6	92.9	.8	- 2.8
Local government, except education	45.6	45.5	44.6	.2	2.1
Local government education	44.7	44.1	48.3	1.4	- 7.4

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1982[b]	January 1982[c]	February 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$398.16	$381.02	$381.19	40.3	38.8	40.9	$ 9.88	$ 9.82	$ 9.32
Durable Goods[d]	415.31	397.17	399.37	40.4	38.9	41.3	10.28	10.21	9.67
Furniture and fixtures	312.08	270.61	302.09	41.5	35.7	44.1	7.52	7.58	6.85
Primary metal industries	472.82	449.06	473.03	39.5	37.8	42.5	11.97	11.88	11.13
Blast furnace and basic steel products	501.40	489.18	534.67	38.1	37.2	42.3	13.16	13.15	12.64
Iron and steel foundries	538.90	487.18	468.03	41.2	38.3	41.2	13.08	12.72	11.36
Nonferrous foundries	330.83	295.94	318.00	40.1	36.9	39.8	8.25	8.02	7.99
Fabricated metal products	402.19	374.30	373.70	40.3	38.0	40.4	9.98	9.85	9.25
Fabricated structural metal products	360.81	320.15	319.59	42.2	38.9	39.8	8.55	8.23	8.03
Screw machine products, bolts, etc.	349.44	337.65	348.30	39.8	37.6	40.5	8.78	8.98	8.60
Metal forgings and stampings	483.61	445.99	458.14	40.1	37.7	41.2	12.06	11.83	11.12
Machinery, except electrical	420.04	399.78	406.14	41.1	39.7	42.0	10.22	10.07	9.67
Construction and related machinery	506.20	448.88	416.87	43.6	39.9	40.2	11.61	11.25	10.37
Metalworking machinery	389.06	382.98	400.35	39.7	39.0	42.5	9.80	9.82	9.42
Special industry machinery	419.74	416.12	376.51	41.6	41.2	39.8	10.09	10.10	9.46
General industrial machinery	405.14	389.47	381.71	40.8	39.5	41.9	9.93	9.86	9.11
Electric and electronic equipment	353.63	345.23	351.96	40.6	39.5	42.1	8.71	8.74	8.36
Electrical industrial apparatus	352.26	357.76	393.27	38.0	38.1	43.6	9.27	9.39	9.02
Transportation equipment	481.89	470.05	444.31	40.7	39.7	40.1	11.84	11.84	11.08
Motor vehicles and equipment	496.09	468.71	448.48	40.3	38.2	39.1	12.31	12.27	11.47
Instruments and related products	319.66	319.71	282.57	41.3	41.2	39.3	7.74	7.76	7.19
Nondurable Goods[e]	343.01	334.76	320.76	39.7	38.7	39.6	8.64	8.65	8.10
Food and kindred products	337.43	336.54	337.83	39.1	39.5	40.9	8.63	8.52	8.26
Bakery products	388.93	365.36	358.03	41.2	39.8	41.2	9.44	9.18	8.69
Beverages	314.57	289.91	282.09	40.8	38.5	39.9	7.71	7.53	7.07
Apparel and other textile products	247.76	243.29	228.44	38.0	37.2	38.2	6.52	6.54	5.98
Paper and allied products	357.16	362.61	316.76	41.1	41.3	40.3	8.69	8.78	7.86
Printing and publishing	373.00	362.63	348.23	38.1	37.5	38.1	9.79	9.67	9.14
Chemicals and allied products	393.60	390.26	385.22	40.0	39.5	41.6	9.84	9.88	9.26
Industrial inorganic chemicals	371.26	372.25	408.18	37.2	37.3	40.9	9.98	9.98	9.98
Rubber and misc. plastics products	325.94	287.63	273.64	43.0	38.3	40.3	7.58	7.51	6.79
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	602.93	525.25	524.90	38.6	33.8	36.3	15.62	15.54	14.46
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	451.47	458.14	414.33	40.6	41.2	40.7	11.12	11.12	10.18
WHOLESALE TRADE	330.33	322.87	303.80	39.0	38.3	38.7	8.47	8.43	7.85
RETAIL TRADE[f]	157.35	155.65	154.76	27.8	27.5	28.5	5.66	5.66	5.43
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	222.77	222.31	207.73	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1982[b]	January 1982[c]	February 1981[c]	January 1982	February 1981
TOTAL	499.8	499.9	501.2	.0	- .3
MANUFACTURING	90.5	91.0	94.0	- .5	- 3.7
Durable Goods[e]	57.3	57.8	60.3	- 1.0	- 5.0
Stone, clay, and glass products	9.2	9.3	9.7	- 1.5	- 6.0
Fabricated metal products	10.0	10.2	11.6	- 1.4	- 13.9
Machinery, except electrical	11.5	11.6	11.6	- 1.3	- 1.4
Electric and electronic equipment	11.6	11.8	12.0	- 1.8	- 3.1
Transportation equipment	6.6	6.4	6.1	2.6	6.8
Nondurable Goods[f]	33.2	33.2	33.7	.3	- 1.3
Food and kindred products	10.6	10.6	10.4	.4	1.8
Printing and publishing	8.5	8.4	8.8	1.9	- 3.5
Chemicals and allied products	6.1	6.1	6.1	- .8	- .4
Rubber and misc. plastics products	2.9	2.9	3.0	- .1	- 3.8
NONMANUFACTURING[g]	409.2	408.9	407.2	.1	.5
CONSTRUCTION	14.2	14.7	15.4	- 3.0	- 7.6
TRANSPORTATION AND PUBLIC UTILITIES	23.7	23.6	23.9	.4	- .8
Communication, electric, gas services	11.5	11.5	11.2	.0	3.1
WHOLESALE TRADE	27.1	27.1	27.0	- .1	.3
RETAIL TRADE	90.3	92.0	89.5	- 1.8	1.0
FINANCE, INSURANCE, AND REAL ESTATE	40.4	40.2	38.6	.6	4.8
Banking	8.1	8.1	7.8	.2	4.2
Insurance carriers	17.6	17.4	16.9	.8	3.8
SERVICES	108.5	107.8	105.6	.7	2.8
GOVERNMENT	104.2	102.7	106.6	1.4	- 2.3
Federal government	11.4	11.4	11.5	.2	- .3
State government	49.9	48.7	49.9	2.4	- .1
State government, except education	29.5	29.4	29.0	.3	1.7
State government education[i]	20.4	19.3	20.9	5.6	- 2.5
Local government	42.9	42.6	45.2	.5	- 5.1
Local government, except education	17.3	17.1	19.4	1.3	- 10.7
Local government education	25.6	25.6	25.8	.0	- 1.0

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1982[b]	January 1982[c]	February 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$358.09	$357.08	$331.93	39.7	39.5	39.8	$ 9.02	$ 9.04	$ 8.34
Durable Goods[d]	370.94	368.68	346.02	39.8	39.6	39.5	9.32	9.31	8.76
Stone, clay, and glass products	341.33	337.04	326.33	38.7	38.3	41.1	8.82	8.80	7.94
Fabricated metal products	413.01	410.78	403.39	39.0	38.9	37.7	10.59	10.56	10.70
Machinery, except electrical	366.45	364.21	348.20	41.5	41.2	41.7	8.83	8.84	8.35
Electric and electronic equipment	365.42	365.02	339.55	40.2	40.2	39.9	9.09	9.08	8.51
Transportation equipment	441.15	437.61	387.16	41.5	42.2	41.1	10.63	10.37	9.42
Nondurable Goods[e]	332.59	332.42	299.83	39.5	39.2	40.3	8.42	8.48	7.44
Food and kindred products	328.78	331.25	306.49	39.9	40.2	42.1	8.24	8.24	7.28
Printing and publishing	387.54	392.45	320.52	38.6	38.4	35.3	10.04	10.22	9.08
Chemicals and allied products	360.26	358.43	348.25	40.8	40.5	43.1	8.83	8.85	8.08
Rubber and misc. plastics products	293.14	296.46	296.42	39.4	39.9	43.4	7.44	7.43	6.83
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	450.12	440.37	402.08	36.3	35.6	35.9	12.40	12.37	11.20
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	438.89	440.78	402.98	40.6	40.7	40.5	10.81	10.83	9.95
WHOLESALE TRADE	290.30	289.89	281.85	38.4	38.6	39.2	7.56	7.51	7.19
RETAIL TRADE[f]	143.08	146.31	137.28	28.0	28.3	28.9	5.11	5.17	4.75
FINANCE, INSURANCE, AND REAL ESTATE	......	......[i]	......	....	....	....	....	....	....
Banking	215.48	212.90[i]	175.57	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period. [i] Not comparable with previous figures due to change in sample composition.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1982[b]	January 1982[c]	February 1981[c]	January 1982	February 1981
TOTAL	345.8	349.0	349.3	- .9	- 1.0
MANUFACTURING	93.0	95.7	96.4	- 2.8	- 3.6
Durable Goods[e]	63.8	65.7	65.4	- 2.9	- 2.4
Stone, clay, and glass products	2.1	2.1	2.3	1.0	- 5.8
Fabricated metal products	7.0	7.0	7.1	.3	- 1.1
Machinery, except electrical	30.2	31.3	31.5	- 3.5	- 4.0
Metalworking machinery	6.7	6.9	7.4	- 2.9	- 9.1
Electric and electronic equipment	5.3	5.4	5.6	- 2.4	- 6.1
Electrical industrial apparatus	3.3	3.3	3.4	- .8	- 3.6
Transportation equipment	13.3	14.1	12.8	- 5.7	4.0
Nondurable Goods[f]	29.2	30.0	31.0	- 2.8	- 5.9
Food and kindred products	3.1	3.1	3.1	.0	.4
Paper and allied products	5.6	5.7	6.0	- 1.7	- 7.1
Printing and publishing	9.1	8.9	9.3	1.6	- 2.1
Rubber and misc. plastics products	7.7	8.7	9.1	- 11.1	- 14.8
NONMANUFACTURING[g]	252.8	253.3	252.9	- .2	- .1
CONSTRUCTION	8.9	9.3	10.8	- 4.4	- 18.0
TRANSPORTATION AND PUBLIC UTILITIES	13.0	13.0	13.0	- .6	.0
Communication, electric, gas services	6.5	6.5	6.6	- .3	- 1.9
WHOLESALE TRADE	16.5	16.5	16.3	- .6	.9
RETAIL TRADE	54.2	55.2	54.7	- 1.8	- .8
FINANCE, INSURANCE, AND REAL ESTATE	13.7	13.7	13.3	- .2	2.7
SERVICES	75.7	75.2	73.9	.7	2.5
GOVERNMENT	70.5	70.0	70.7	.8	- .2
Federal government	25.8	25.7	25.5	.1	1.2
State government (includes education)	6.8	6.5	6.0	4.8	13.4
Local government	38.0	37.7	39.2	.6	- 3.1
Local government, except education	12.9	12.9	14.0	.0	- 7.6
Local government education	25.1	24.8	25.2	1.0	- .7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1982[b]	January 1982[c]	February 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$391.82	$391.84	$373.32	39.9	39.5	40.8	$ 9.82	$ 9.92	$ 9.15
Durable Goods[d]	391.78	393.81	373.98	40.1	39.9	41.6	9.77	9.87	8.99
Stone, clay, and glass products	366.62	423.91	325.17	40.2	40.8	38.3	9.12	10.39	8.49
Fabricated metal products	300.66	299.49	280.52	38.3	39.2	38.8	7.85	7.64	7.23
Machinery, except electrical	415.89	418.18	400.46	41.3	41.2	43.2	10.07	10.15	9.27
Metalworking machinery	409.92	402.82	430.49	42.0	41.4	45.7	9.76	9.73	9.42
Electric and electronic equipment	304.71	300.70	280.98	40.9	40.8	40.9	7.45	7.37	6.87
Electrical industrial apparatus	323.49	319.09	305.29	41.0	40.7	41.2	7.89	7.84	7.41
Transportation equipment	471.75	467.71	484.67	38.7	38.4	40.9	12.19	12.18	11.85
Nondurable Goods[e]	392.83	386.54	371.45	39.6	38.5	39.1	9.92	10.04	9.50
Food and kindred products	400.53	403.35	364.17	39.5	39.7	39.2	10.14	10.16	9.29
Paper and allied products	339.08	335.36	334.93	41.1	40.6	41.4	8.25	8.26	8.09
Printing and publishing	429.48	406.13	358.82	41.9	39.7	38.5	10.25	10.23	9.32
Rubber and misc. plastics products	447.06	435.18	452.02	37.1	35.7	38.9	12.05	12.19	11.62
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	504.44	478.19	485.87	38.1	35.9	38.5	13.24	13.32	12.62
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	425.97	443.81	388.33	40.3	41.4	40.2	10.57	10.72	9.66
WHOLESALE TRADE	293.30	286.88	266.74	40.4	39.9	40.6	7.26	7.19	6.57
RETAIL TRADE[f]	142.92	141.68	142.14	28.3	28.0	28.6	5.05	5.06	4.97
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1982[b]	January 1982[c]	February 1981[c]	January 1982	February 1981
TOTAL	282.0	281.9	283.1	.0	- .4
MANUFACTURING	69.1	68.5	71.4	.8	- 3.3
Durable Goods[e]	53.4	53.0	54.7	.7	- 2.4
Stone, clay, and glass products	12.2	12.4	13.0	- 1.3	- 6.0
Primary metal industries	4.0	3.5	4.5	13.7	- 11.8
Fabricated metal products	6.8	6.5	7.5	4.8	- 8.7
Metal forgings and stampings	3.2	2.9	3.4	8.9	- 7.9
Machinery, except electrical	6.3	6.4	6.7	- 2.1	- 5.8
General industrial machinery	1.9	1.9	1.9	- 1.1	- 2.8
Transportation equipment	16.4	16.5	14.6	- .1	12.3
Motor vehicles and equipment	15.0	15.0	13.2	- .3	13.2
Nondurable Goods[f]	15.7	15.5	16.7	.8	- 6.3
Food and kindred products	4.2	4.0	4.0	4.0	4.4
Petroleum and coal products	1.6	1.6	1.9	- .2	- 13.7
Rubber and misc. plastics products	2.9	2.9	3.3	1.1	- 12.4
NONMANUFACTURING[g]	212.9	213.3	211.7	- .2	.6
CONSTRUCTION	9.0	9.5	9.8	- 5.2	- 8.3
TRANSPORTATION AND PUBLIC UTILITIES	18.8	18.7	18.6	.1	.6
Communication, electric, gas services	7.7	7.7	7.4	.1	4.6
WHOLESALE TRADE	14.3	14.3	14.4	- .4	- 1.2
RETAIL TRADE	49.4	50.1	49.4	- 1.5	- .1
FINANCE, INSURANCE, AND REAL ESTATE	10.5	10.5	10.6	.5	- .4
SERVICES	64.2	64.0	60.7	.4	5.8
GOVERNMENT	46.4	45.8	47.7	1.3	- 2.8
State government (includes education)	15.0	14.5	14.9	3.0	.4
Local government	28.6	28.5	30.1	.5	- 4.8
Local government, except education	10.8	10.9	11.8	- .4	- 8.1
Local government education	17.8	17.6	18.3	1.0	- 2.7

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1982[b]	January 1982[c]	February 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$442.90	$420.03	$383.36	41.2	39.7	40.1	$10.75	$10.58	$ 9.56
Durable Goods[d]	454.40	433.32	392.62	40.9	39.5	39.9	11.11	10.97	9.84
Stone, clay, and glass products	458.58	450.05	427.17	42.5	42.1	43.5	10.79	10.69	9.82
Primary metal industries	410.18	420.51	380.69	42.2	41.8	41.2	9.72	10.06	9.24
Fabricated metal products	437.64	394.13	347.26	42.0	39.1	37.1	10.42	10.08	9.36
Metal forgings and stampings	507.17	438.65	371.26	43.2	39.2	37.2	11.74	11.19	9.98
Machinery, except electrical	435.42	408.98	381.90	41.0	39.9	40.2	10.62	10.25	9.50
General industrial machinery	427.74	424.47	413.29	38.5	38.8	39.1	11.11	10.94	10.57
Transportation equipment	508.25	482.30	441.18	39.8	38.4	38.7	12.77	12.56	11.40
Motor vehicles and equipment	508.07	484.99	441.58	39.6	38.4	38.1	12.83	12.63	11.59
Nondurable Goods[e]	402.17	372.65	355.52	42.2	40.2	41.1	9.53	9.27	8.65
Food and kindred products	418.56	379.76	392.93	43.6	41.1	44.1	9.60	9.24	8.91
Petroleum and coal products	630.63	628.99	557.92	46.2	46.8	44.0	13.65	13.44	12.68
Rubber and misc. plastics products	345.70	304.34	294.40	41.5	37.9	40.0	8.33	8.03	7.36
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	605.22	552.47	526.35	38.5	35.1	36.3	15.72	15.74	14.50
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	455.10	440.08	402.52	41.0	40.3	40.7	11.10	10.92	9.89
WHOLESALE TRADE	328.95	324.02	289.16	38.7	38.3	37.7	8.50	8.46	7.67
RETAIL TRADE[f]	152.22	151.18	149.86	28.4	28.1	28.6	5.36	5.38	5.24
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1982[b]	January 1982[c]	February 1981[c]	January 1982	February 1981
TOTAL	185.3	191.8	194.2	- 3.4	- 4.6
MANUFACTURING	56.8	63.6	65.4	- 10.7	- 13.1
Durable Goods[e]	51.2	58.0	59.6	- 11.7	- 14.2
Stone, clay, and glass products	1.9	1.7	1.8	15.4	9.9
Primary metal industries	26.3	26.8	29.1	- 1.8	- 9.7
Blast furnace and basic steel products	14.4	14.7	15.1	- 1.8	- 4.1
Fabricated metal products	8.8	8.9	8.9	- 1.6	- 1.3
Fabricated structural metal products	2.7	2.8	2.7	- .5	3.2
Machinery, except electrical	5.3	5.4	5.8	- 1.0	- 8.2
Metalworking machinery	2.4	2.4	2.7	- 1.4	- 11.9
Electric and electronic equipment	3.0	3.0	3.1	.0	- .4
Transportation equipment	4.0	10.3	9.0	- 61.4	- 55.8
Nondurable Goods[f]	5.6	5.6	5.7	- .3	- 2.3
NONMANUFACTURING[g]	128.6	128.2	128.8	.3	- .2
CONSTRUCTION	5.1	5.3	5.5	- 4.6	- 8.6
TRANSPORTATION AND PUBLIC UTILITIES	8.9	8.9	9.0	.3	- 1.2
Communication, electric, gas services	3.3	3.3	3.2	.1	1.3
WHOLESALE TRADE	7.6	7.7	7.8	- .8	- 2.0
RETAIL TRADE	34.6	34.9	34.6	- 1.1	- .1
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.1	7.0	.5	2.8
SERVICES	38.6	38.3	38.0	.8	1.6
GOVERNMENT	25.8	25.2	26.2	2.6	- 1.4
Local government (includes education)	20.1	19.8	20.5	1.3	- 2.2

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
FEBRUARY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1982[b]	January 1982[c]	February 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]	Feb. 1982[b]	Jan. 1982[c]	Feb. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$459.42	$458.64	$464.54	39.3	39.1	40.5	$11.69	$11.73	$11.47
Durable Goods[d]	469.62	470.40	479.45	39.2	39.2	40.7	11.98	12.00	11.78
Stone, clay, and glass products	301.85	286.28	282.60	38.6	34.0	36.0	7.82	8.42	7.85
Primary metal industries	505.12	499.97	492.28	38.5	38.4	39.7	13.12	13.02	12.40
Blast furnace and basic steel products	534.89	544.56	529.64	39.1	40.1	40.4	13.68	13.58	13.11
Fabricated metal products	468.00	444.60	571.13	40.0	39.0	44.9	11.70	11.40	12.72
Fabricated structural metal products	335.01	329.51	362.90	36.1	35.7	38.2	9.28	9.23	9.50
Machinery, except electrical	451.84	424.82	430.95	39.6	37.2	39.0	11.41	11.42	11.05
Metalworking machinery	458.46	442.40	490.75	40.5	39.5	42.6	11.32	11.20	11.52
Electric and electronic equipment	364.81	363.78	328.78	40.4	40.6	39.9	9.03	8.96	8.24
Transportation equipment	501.35	519.40	518.92	41.4	42.4	43.1	12.11	12.25	12.04
Nondurable Goods[e]	340.23	326.31	288.03	39.7	38.8	38.2	8.57	8.41	7.54
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	525.16	493.45	522.12	37.7	35.5	38.0	13.93	13.90	13.74
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	415.67	419.93	409.19	40.2	40.3	43.3	10.34	10.42	9.45
WHOLESALE TRADE	333.04	320.26	311.98	39.6	38.4	40.1	8.41	8.34	7.78
RETAIL TRADE[f]	150.44	150.48	148.12	28.6	28.5	29.1	5.26	5.28	5.09
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
JAMES A. RHODES, *Governor*
ALBERT G. GILES, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
MARCH 1982

Unemployment in Ohio, estimated at 616,000 in March, represented 12.3 percent of the civilian labor force—up marginally from February. Total employment advanced .8 percent, to 4,398,000. Seasonal upturns in several nonmanufacturing industries boosted nonfarm payroll employment .6 percent, to 4,199,000.

Employment in Ohio's factories totaled 1,151,000 in March, up .2 percent from the previous month. Automotive industries accounted for nearly all of the increase, as motor vehicle manufacturers and producers of automotive castings recalled workers. Stepped-up orders were largely responsible for higher employment in the production of refrigeration machinery. Fewer orders, however, led to layoffs in commercial printing, and in the manufacture of construction machinery. Declines among producers of stone-clay-glass and petroleum and coal products were partially attributable to production slowdowns prior to plant closings.

Nonmanufacturing employment in Ohio rose .8 percent from February, to 3,048,000 in March. Operators of outdoor amusements and drive-ins reported seasonal hiring. Accounting and auditing services also increased seasonally, as tax-filing deadlines approached. Employment in the construction industries moved upward following winter lows recorded last month. Gains in state and local education lifted government, despite slight cutbacks in federal employment.

Average weekly earnings of Ohio's factory production workers rose $2 from February, to $398 in March. The average workweek--40.1 hours--was unchanged. More overtime boosted earnings in the production of automobiles and stamped-metal parts. Producers of industrial inorganic chemicals reported wage-rate increases. Shorter production schedules, however, lowered earnings among manufacturers of electrical industrial apparatus. Overtime curtailments were reported in the production of communication equipment, and in meat processing.

Between March 1981 and March 1982, unemployment in Ohio increased by more than 140,000, lifting the jobless rate from 9.3 to 12.3 percent. Total employment declined 3.7 percent as nonfarm payrolls slipped 2.1 percent. Manufacturing industries accounted for most of the decrease, with transportation equipment, nonelectrical machinery, primary and fabricated metals showing substantial job losses over the year. Nonmanufacturing dipped slightly as gains in services moderated cutbacks in government, construction, and retailing. Factory production workers earned $16 more per week in March 1982 than in March 1981, although their average workweek was .8 hours shorter.

For additional Labor Market Information, write
WILLIAM PAPIER, *Director of Research and Statistics*, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm payroll employment in the Akron area increased 800 from February, to 253,200 in March. Seasonal expansion in nonmanufacturing, notably in retail trade and construction, was responsible for the growth. Manufacturing slipped 400, to 71,700 for the month. The average workweek of factory production workers gained .3 hours, to 41.9 hours in March. Their hourly earnings rose to $9.89, up 12¢ from February.

Canton.--Nonagricultural establishments in the Canton area employed 152,700 wage and salary workers in March, up 700 from February. The increase was seasonal, occurring in nonmanufacturing. Layoffs in primary metals largely accounted for the decline of 300 in manufacturing, to 51,800 in March. The workweek for the average factory production worker, at 39.0 hours, was down .3 hours. His average hourly earnings, at $10.01, were down 4¢ from February.

Cincinnati.--March nonfarm payroll employment in Cincinnati totaled 579,900, up 5,100 from February. Nonmanufacturing accounted for over two-thirds of the gain, primarily reflecting growth in seasonal industries. Manufacturing rose 1,500, to 151,100, as recalls in motor vehicles were partially offset by layoffs in other durable-goods industries. The average factory production workweek, at 40.2 hours, was up .4 hours. Average hourly earnings, at $9.38, were 14¢ higher than in February.

Cleveland.--Workers on nonfarm payrolls in Cleveland numbered 858,400 in March, up 3,500 from February. Seasonal increases in services, trade, and construction lifted nonmanufacturing for March. Cutbacks among durable-goods producers lowered manufacturing employment 700, to 236,200. Production workers in factories grossed $9.95 per hour, up 9¢ from February. Their average hours were little changed, at 40.3 hours.

Columbus.--Columbus' nonagricultural wage and salary employment advanced 3,800 from February, to 502,400 in March. Increases in services, retail trade, and construction boosted nonmanufacturing, accounting for the overall gain. Manufacturing, on the other hand, decreased to 89,500, down 400 from February. The workweek and hourly earnings of the average factory production worker, at 39.4 hours and $9.13 an hour, were down .4 hours but up 8¢ for the month.

Dayton.--Nonfarm employment in the Dayton area totaled 345,100 in March, down 400 from February. Manufacturing, down 1,800 to 91,200, was responsible for the decline, with losses concentrated in printing and publishing, transportation equipment, and plastic products. Nonmanufacturing expanded as services, retail trade, and construction gained seasonally. Earnings of factory production workers slipped marginally, to $9.81 an hour. Average weekly hours, at 39.7, were down .3 hours from February.

Toledo.--Nonfarm establishments in the Toledo area employed 283,600 in March, up 2,000 from February. Nonmanufacturing accounted for the increase, due mainly to seasonal hiring in services, retail trade, and construction. Manufacturing, however, dipped 300, to 68,400 in March. The average workweek for factory production workers, at 41.0 hours, was on par with February. Their average hourly earnings rose slightly, to $10.71 for March.

Youngstown-Warren.--Youngstown-Warren's nonagricultural wage and salary employment totaled 188,500 in March, up 3,100 from February. Manufacturing--up 2,400, to 59,200--was responsible for most of the gain, as auto workers were recalled from layoffs. Nonmanufacturing advanced as retail trade and services rose seasonally. Production workers in manufacturing industries grossed $11.67 per hour for a workweek of 39.3 hours, little changed from February averages.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216 4-15-82

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1971	244.1	138.1	501.9	829.3	410.9	317.4	263.7	198.1
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.0	157.3	593.9	880.8	508.3	353.4	290.9	199.1
1981								
March ...	256.4	154.6	589.5	873.0	504.1	352.1	288.3	196.5
April ...	259.7	157.2	596.9	880.5	506.8	354.0	292.7	198.4
May	262.7	158.1	599.1	885.3	510.3	354.7	295.3	203.0
June	259.4	158.9	600.5	893.2	512.7	355.2	298.1	204.4
July	257.1	158.4	590.5	887.2	504.0	349.4	289.2	200.9
August ..	257.3	158.7	589.2	884.3	504.6	348.7	287.6	197.5
September	262.9	158.8	598.2	883.1	508.5	356.2	291.8	202.2
October .	263.2	158.9	597.9	885.3	515.4	356.9	295.3	201.6
November.	261.1	157.9	597.1	883.6	515.6	357.0	292.3	201.8
December.	260.6	157.0	596.2	875.6	514.7	356.1	290.8	193.1
1982								
January .	252.2	152.9	576.7	856.1	499.9	349.0	281.9	191.8
February.	252.4	152.0	574.8	854.9	498.6	345.5	281.6	185.4
March ...	253.2	152.7	579.9	858.4	502.4	345.1	283.6	188.5
	MANUFACTURING EMPLOYMENT (in thousands)							
1971	91.7	58.6	160.1	273.5	98.4	112.8	86.2	88.4
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.2	55.7	162.5	254.9	96.8	99.3	75.4	70.8
1981	75.9	55.3	158.4	247.4	93.6	97.8	74.0	67.7
1981								
March ...	76.5	54.3	157.6	247.7	94.2	97.6	74.6	68.8
April ...	76.6	55.1	158.0	247.7	93.4	97.9	75.3	69.2
May	76.6	55.4	158.6	248.0	94.1	98.3	75.3	69.8
June	77.3	55.9	160.1	251.3	94.4	98.4	76.1	69.9
July	75.8	56.1	158.4	250.0	93.0	97.9	74.3	69.0
August ..	75.5	56.4	158.3	247.8	92.7	97.1	74.9	66.7
September	76.8	56.5	159.7	249.9	94.3	99.6	76.9	69.4
October .	76.1	56.0	158.4	248.7	93.6	98.1	74.1	68.8
November.	74.9	55.1	158.6	245.9	93.2	98.0	71.5	68.3
December.	74.3	54.0	156.7	236.9	92.0	96.7	70.1	59.9
1982								
January .	73.0	52.7	151.9	238.0	91.0	95.7	68.5	63.6
February.	72.1	52.1	149.6	236.9	89.9	93.0	68.8	56.8
March ...	71.7	51.8	151.1	236.2	89.5	91.2	68.4	59.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1971	53.8	43.2	111.5	187.4	68.8	82.3	60.6	70.6
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.9	40.0	104.3	162.3	61.6	64.4	48.8	51.1
1981								
March ...	45.3	39.1	103.9	163.4	62.0	64.5	49.1	51.8
April ...	45.1	40.0	104.2	163.7	61.4	64.7	49.9	52.8
May	44.9	40.2	104.4	164.0	62.0	64.9	49.9	53.3
June	45.1	40.6	105.5	166.2	62.4	64.9	50.5	53.3
July	43.5	40.8	103.6	164.4	61.4	64.3	48.8	52.2
August ..	42.9	40.9	103.7	161.9	61.1	63.5	49.6	50.3
September	44.0	40.9	105.3	163.9	62.3	65.9	51.6	52.8
October .	43.3	40.4	104.3	162.4	61.4	64.8	49.0	52.3
November.	41.9	39.4	104.6	159.4	61.1	64.6	47.1	51.7
December.	41.4	38.3	102.8	150.4	60.1	63.4	45.9	43.8
1982								
January .	40.2	37.1	98.7	152.0	59.3	62.4	44.3	47.2
February.	39.4	36.6	96.8	151.4	58.2	59.8	44.8	41.2
March ...	39.1	36.2	98.4	150.6	57.8	58.5	44.6	43.3
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1971	40.6	38.9	41.0	40.6	39.6	40.6	41.4	41.4
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1981								
March ...	41.9	40.3	41.1	41.3	40.0	41.3	41.2	40.7
April ...	42.1	40.0	40.8	41.1	39.7	41.9	40.8	41.3
May	42.4	40.1	41.4	41.5	39.9	41.7	41.2	40.7
June	42.4	40.4	41.3	42.0	39.9	42.5	41.3	41.4
July	41.9	39.8	40.9	40.6	39.5	41.6	40.4	40.4
August ..	41.7	39.6	40.6	41.1	40.4	41.9	40.3	41.7
September	40.8	40.1	41.2	40.9	40.0	40.8	41.6	41.5
October .	41.2	39.7	40.7	40.7	39.8	41.1	41.1	39.8
November.	41.5	39.8	41.0	40.8	40.3	41.0	40.7	40.4
December.	42.4	40.2	41.1	40.7	40.4	41.1	41.3	39.1
1982								
January .	40.6	38.2	39.8	38.8	39.5	39.5	39.7	39.1
February.	41.6	39.3	39.8	40.2	39.8	40.0	41.0	39.3
March ...	41.9	39.0	40.2	40.3	39.4	39.7	41.0	39.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1971	$4.36	$4.09	$3.89	$4.15	$3.77	$4.49	$4.26	$4.46
1972	4.68	4.48	4.15	4.50	4.06	4.74	4.67	4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1981								
March ...	9.31	9.60	8.60	9.41	8.45	9.31	9.71	11.60
April ...	9.36	9.67	8.61	9.54	8.55	9.51	9.72	11.65
May	9.50	9.67	8.70	9.60	8.55	9.48	9.76	11.61
June	9.53	9.76	8.69	9.79	8.65	9.67	9.97	11.70
July	9.57	9.73	8.73	9.65	8.59	9.63	9.91	11.65
August ..	9.60	9.78	8.80	9.72	8.71	9.85	9.92	11.79
September	9.64	9.96	8.93	9.79	8.86	9.72	10.13	11.69
October .	9.66	9.98	8.99	9.83	8.96	9.96	10.20	11.58
November.	9.70	10.01	9.08	9.83	9.05	9.88	10.22	11.69
December.	9.71	10.09	9.14	9.71	9.07	9.95	10.46	11.59
1982								
January .	9.73	9.95	9.26	9.82	9.04	9.92	10.58	11.73
February.	9.77	10.05	9.24	9.86	9.05	9.82	10.70	11.70
March ...	9.89	10.01	9.38	9.95	9.13	9.81	10.71	11.67
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1971	$177.02	$159.10	$159.49	$168.49	$149.29	$182.29	$176.36	$184.64
1972	197.03	181.89	173.89	190.35	164.02	201.45	196.14	201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1981								
March ...	390.09	386.88	353.46	388.63	338.00	384.50	400.05	472.12
April ...	394.06	386.80	351.29	392.09	339.44	398.47	396.58	481.15
May	402.80	387.77	360.18	398.40	341.15	395.32	402.11	472.53
June	404.07	394.30	358.90	411.18	345.14	410.98	411.76	484.38
July	400.98	387.25	357.06	391.79	339.31	400.61	400.36	470.66
August ..	400.32	387.29	357.28	399.49	351.88	412.72	399.78	491.64
September	393.31	399.40	367.92	400.41	354.40	396.58	421.41	485.14
October .	397.99	396.21	365.89	400.08	356.61	409.36	419.22	460.88
November.	402.55	398.40	372.28	401.06	364.72	405.08	415.95	472.28
December.	411.70	405.62	375.65	395.20	366.43	408.95	432.00	453.17
1982								
January .	395.04	380.09	368.55	381.02	357.08	391.84	420.03	458.64
February.	406.43	394.97	367.75	396.37	360.19	392.80	438.70	459.81
March ...	414.39	390.39	377.08	400.99	359.72	389.46	439.11	458.63

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1971	277.5	261.2	16.3	5.9	1971	164.8	152.2	12.6	7.6
1972	282.2	267.4	14.9	5.3	1972	165.6	155.3	10.3	6.2
1973	287.0	274.8	12.2	4.3	1973	171.1	163.1	8.0	4.7
1974	290.3	277.3	13.0	4.5	1974	175.4	167.2	8.1	4.6
1975	291.1	263.5	27.6	9.5	1975	174.2	157.5	16.7	9.6
1976	290.2	265.3	24.9	8.6	1976	173.8	158.0	15.7	9.1
1977	292.9	273.6	19.4	6.6	1977	175.0	162.2	12.8	7.3
1978	297.8	281.1	16.7	5.6	1978	179.2	169.4	9.8	5.5
1979	302.7	284.3	18.3	6.1	1979	183.6	173.1	10.5	5.7
1980	303.1	277.5	25.6	8.5	1980	186.5	169.8	16.7	8.9
1981	301.8	273.2	28.6	9.5	1981	188.1	170.1	18.0	9.6
1981					1981				
February ...	292.4	263.4	28.9	9.9	February ..	181.7	163.7	18.0	9.9
March	298.2	271.2	27.0	9.1	March	186.1	168.2	17.9	9.6
April	300.4	278.1	22.3	7.4	April	186.9	172.6	14.3	7.7
May	308.4	283.6	24.8	8.0	May	191.0	175.6	15.3	8.0
June	302.9	277.0	25.9	8.6	June	190.1	173.8	16.3	8.6
July	308.2	278.7	29.4	9.6	July	193.8	175.5	18.3	9.5
August	307.0	276.9	30.1	9.8	August	191.8	174.4	17.4	9.1
September ..	302.6	273.1	29.5	9.7	September .	189.2	169.1	20.1	10.6
October	302.2	273.7	28.6	9.4	October ...	187.0	169.5	17.5	9.4
November ...	304.6	272.2	32.4	10.6	November ..	188.8	168.9	19.9	10.5
December ...	302.7	269.0	33.7	11.1	December ..	187.8	166.2	21.6	11.5
1982					1982				
January	298.4	264.2	34.2	11.5	January ...	187.7	164.1	23.6	12.6
February[p] ..	295.6	260.4	35.1	11.9	February[p] .	185.0	161.5	23.6	12.7
CINCINNATI[d]					CLEVELAND[e]				
1971	550.0	516.0	34.0	6.2	1971	866.3	811.4	54.9	6.3
1972	561.0	529.0	32.0	5.7	1972	873.4	825.3	48.1	5.5
1973	572.0	543.0	29.0	5.1	1973	883.5	848.7	34.8	3.9
1974	595.3	569.8	25.5	4.3	1974	897.7	860.1	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	894.1	823.7	70.5	7.9
1976	600.6	562.6	38.0	6.3	1976	894.4	831.3	63.1	7.1
1977	619.1	584.6	34.4	5.6	1977	904.7	850.9	53.8	5.9
1978	642.8	610.5	32.3	5.0	1978	918.1	875.2	43.0	4.7
1979	657.9	622.9	35.1	5.3	1979	932.2	885.7	46.5	5.0
1980	674.4	626.8	47.5	7.0	1980	941.6	873.4	68.2	7.2
1981	678.6	619.2	59.5	8.8	1981	929.2	850.8	78.4	8.4
1981					1981				
February ...	659.5	601.9	57.6	8.7	February ..	900.9	822.6	78.3	8.7
March	672.8	616.5	56.2	8.4	March	924.2	847.1	77.1	8.3
April	679.3	630.5	48.9	7.2	April	927.7	864.5	63.3	6.8
May	688.1	636.6	51.4	7.5	May	942.6	875.3	67.3	7.1
June	684.9	629.9	55.0	8.0	June	942.1	869.6	72.6	7.7
July	691.1	628.1	63.0	9.1	July	960.4	877.8	82.6	8.6
August	683.6	624.4	59.1	8.7	August	947.5	867.9	79.7	8.4
September ..	680.1	616.3	63.8	9.4	September .	922.4	839.8	82.6	9.0
October	678.9	616.1	62.7	9.2	October ...	923.6	843.7	79.9	8.7
November ...	684.3	617.1	67.2	9.8	November ..	931.4	844.3	87.1	9.4
December ...	679.4	611.6	67.8	10.0	December ..	921.1	829.1	92.1	10.0
1982					1982				
January	665.4	594.4	71.1	10.7	January ...	905.6	821.3	84.4	9.3
February[p] ..	657.4	586.1	71.3	10.9	February[p] .	891.4	808.4	83.0	9.3

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data beginning with 1981 are geared to 1980 Census. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

COLUMBUS[f]

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
1971	445.4	425.5	19.9	4.5
1972	469.1	450.2	18.9	4.0
1973	485.3	468.2	17.1	3.5
1974	494.7	474.7	19.9	4.0
1975	493.5	457.1	36.4	7.4
1976	501.7	466.7	35.0	7.0
1977	511.1	481.2	29.9	5.9
1978	529.4	504.6	24.8	4.7
1979	540.9	515.1	25.7	4.8
1980	557.4	525.8	31.6	5.7
1981	562.5	518.7	43.8	7.8
1981				
February ...	543.6	501.6	42.0	7.7
March	557.2	515.9	41.3	7.4
April	559.4	525.0	34.4	6.1
May	571.5	533.4	38.0	6.7
June	569.3	528.1	41.2	7.2
July	573.9	528.1	45.8	8.0
August	569.2	524.6	44.7	7.8
September ..	561.3	511.9	49.4	8.8
October	565.5	519.2	46.3	8.2
November ...	570.6	520.4	50.2	8.8
December ...	563.4	514.2	49.2	8.7
1982				
January	554.8	506.0	48.8	8.8
February[p] ..	548.2	498.8	49.4	9.0

DAYTON[g]

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
1971	349.3	326.0	23.3	6.7
1972	353.6	336.3	17.3	4.9
1973	357.9	343.4	14.5	4.0
1974	358.9	341.9	17.0	4.7
1975	356.5	326.7	29.8	8.4
1976	359.2	335.0	24.1	6.7
1977	366.6	346.4	20.2	5.5
1978	379.6	362.3	17.3	4.6
1979	390.6	366.5	24.1	6.2
1980	389.0	359.8	29.2	7.5
1981	389.8	357.4	32.4	8.3
1981				
February ..	377.5	346.7	30.8	8.2
March	387.2	357.1	30.2	7.8
April	388.2	363.3	24.9	6.4
May	396.4	368.4	27.9	7.1
June	393.2	363.4	29.8	7.6
July	397.4	362.2	35.2	8.9
August	392.7	359.0	33.8	8.6
September .	388.9	354.8	34.1	8.8
October ...	389.7	356.4	33.3	8.5
November ..	393.8	357.1	36.7	9.3
December ..	391.4	352.2	39.2	10.0
1982				
January ...	389.5	349.7	39.8	10.2
February[p] .	383.4	341.7	41.7	10.9

TOLEDO[h]

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
1971	319.3	300.3	19.1	6.0
1972	329.4	311.3	18.1	5.5
1973	339.8	324.2	15.6	4.6
1974	343.8	324.2	19.7	5.7
1975	344.8	310.2	34.6	10.0
1976	347.3	318.5	28.8	8.3
1977	353.9	328.5	25.4	7.2
1978	361.2	338.8	22.4	6.2
1979	366.4	340.1	26.3	7.2
1980	367.5	329.3	38.2	10.4
1981	366.9	327.3	39.6	10.8
1981				
February ...	354.2	311.3	42.9	12.1
March	363.5	323.6	39.9	11.0
April	364.9	333.1	31.8	8.7
May	373.2	339.6	33.6	9.0
June	373.9	339.2	34.7	9.3
July	374.6	334.4	40.3	10.8
August	370.7	330.9	39.9	10.8
September ..	365.7	324.9	40.8	11.2
October	370.6	329.0	41.6	11.2
November ...	368.8	326.1	42.6	11.6
December ...	365.4	319.9	45.5	12.4
1982				
January	361.0	313.4	47.6	13.2
February[p] ..	355.8	310.2	45.6	12.8

YOUNGSTOWN-WARREN[i]

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
1971	225.0	207.1	17.9	8.0
1972	226.9	212.1	14.8	6.5
1973	232.4	221.7	10.7	4.6
1974	236.3	223.3	13.0	5.5
1975	236.0	209.1	26.9	11.4
1976	233.4	209.8	23.6	10.1
1977	233.0	214.0	18.9	8.1
1978	234.3	216.6	17.7	7.5
1979	236.2	219.1	17.1	7.2
1980	237.5	209.5	28.0	11.8
1981	233.1	205.3	27.7	11.9
1981				
February ..	231.1	196.4	34.7	15.0
March	231.8	204.1	27.7	11.9
April	229.7	208.6	21.1	9.2
May	235.4	214.3	21.1	8.9
June	234.5	212.3	22.1	9.4
July	237.6	212.2	25.3	10.7
August	234.5	207.1	27.4	11.7
September .	231.0	205.2	25.8	11.2
October ...	230.2	204.9	25.3	11.0
November ..	235.0	205.6	29.4	12.5
December ..	232.0	195.0	37.1	16.0
1982				
January ...	232.6	196.1	36.5	15.7
February[p] .	233.0	186.9	46.0	19.8

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data beginning with 1981 are geared to 1980 Census. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1971	4,417	4,130	286	6.5	5.9
1972	4,511	4,261	249	5.5	5.6
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,086	4,660	426	8.4	7.1
1981	5,085	4,595	490	9.6	7.6
1981					
March ...	5,039	4,567	471	9.3	7.7
April ...	5,058	4,672	386	7.6	7.0
May	5,167	4,752	414	8.0	7.1
June	5,144	4,707	437	8.5	7.7
July	5,221	4,726	495	9.5	7.3
August ..	5,163	4,676	487	9.4	7.2
September	5,076	4,566	510	10.0	7.3
October .	5,084	4,580	504	9.9	7.5
November.	5,121	4,560	561	10.9	7.9
December.	5,073	4,473	600	11.8	8.3
1982					
January .	5,032	4,434	598	11.9	9.4
February.	4,967	4,361	606	12.2	9.6
March ...	5,014	4,398	616	12.3	9.5

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1971	3,839.5	1,333.8	2,505.7
1972	3,938.3	1,346.8	2,591.5
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.5	3,102.8
1981	4,323.1	1,232.5	3,090.5
1981			
March ...	4,289.4	1,239.4	3,050.0
April ...	4,326.0	1,243.3	3,082.7
May	4,356.7	1,247.2	3,109.6
June	4,384.6	1,256.2	3,128.4
July	4,326.0	1,241.7	3,084.4
August ..	4,315.1	1,236.9	3,078.2
September	4,359.0	1,252.9	3,106.1
October .	4,363.4	1,232.0	3,131.4
November.	4,342.7	1,211.9	3,130.8
December.	4,301.4	1,173.8	3,127.6
1982			
January .	4,190.3	1,167.1	3,023.2
February.	4,171.8	1,148.9	3,022.8
March ...	4,198.8	1,150.7	3,048.1

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1971	20.8	155.2	223.8	185.5	597.3	158.6	587.4	577.2
1972	22.7	165.1	222.9	189.6	626.7	163.8	611.7	589.1
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.4	726.6	203.8	830.9	689.9
1981	30.3	154.2	218.4	230.7	715.3	205.2	856.2	680.2
1981								
March ...	31.0	139.4	214.5	228.9	695.2	203.3	838.4	699.4
April ...	22.7	150.6	217.0	230.2	709.5	204.0	854.3	694.4
May	23.1	155.6	217.8	230.4	719.0	204.6	859.3	699.6
June	31.6	161.6	220.0	232.6	720.5	206.4	870.0	685.6
July	32.4	166.7	220.3	232.4	717.0	207.0	864.7	644.0
August ..	32.4	167.2	220.7	231.9	719.5	207.3	864.8	634.3
September	32.6	165.9	221.2	231.6	722.9	206.2	871.1	654.6
October .	31.8	166.2	221.2	231.4	721.6	206.0	870.0	683.2
November.	32.4	161.3	220.5	231.1	728.1	205.6	864.9	686.9
December.	32.2	149.0	220.1	231.2	740.2	206.3	860.2	688.6
1982								
January .	31.8	126.5	213.4	228.4	692.5	204.5	849.7	676.4
February.	31.7	122.7	212.1	227.7	681.4	204.2	858.2	684.8
March ...	31.9	128.6	212.6	228.7	688.3	204.6	867.0	686.4

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1971	1,333.8	936.1	397.7	958.1	$160.7	39.0
1972	1,346.8	948.8	398.0	977.6	181.0	40.7
1973	1,426.3	1,018.2	408.1	1,045.0	210.4	44.2
1974	1,416.6	1,013.1	403.5	1,026.5	217.0	42.3
1975	1,267.5	892.4	375.1	899.3	201.9	36.2
1976	1,295.3	910.6	384.6	922.0	232.8	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.5	882.6	382.0	867.8	301.9	35.2
1981	1,232.5	858.9	373.6	847.6	330.4	34.7
1981						
March ...	1,239.4	867.6	371.8	852.5	325.3	34.9
April ...	1,243.3	870.4	373.0	858.6	332.3	35.2
May	1,247.2	873.2	373.9	861.9	337.1	35.6
June	1,256.2	879.3	376.9	869.0	345.4	36.0
July	1,241.7	867.2	374.4	854.5	331.7	34.7
August ..	1,236.9	860.2	376.7	851.4	335.3	34.8
September	1,252.9	872.6	380.3	868.0	344.5	35.6
October .	1,232.0	858.2	373.8	848.8	334.0	34.3
November.	1,211.9	841.1	370.8	830.6	331.0	33.8
December.	1,173.8	807.0	366.8	794.3	316.3	32.4
1982						
January .	1,167.1	804.8	362.3	789.1	305.8	31.0
February.	1,148.9	789.3	359.7	773.7	306.2	31.0
March ...	1,150.7	793.1	357.6	776.1	308.7	31.1

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1971	$167.68	$171.96	$158.77	40.7	40.8	40.4	$4.12	$4.20	$3.93
1972	185.12	190.19	172.60	41.6	41.8	40.9	4.45	4.55	4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1981									
March ...	381.60	395.38	348.39	40.9	41.1	40.7	9.33	9.62	8.56
April ...	387.04	398.93	354.14	41.0	41.0	40.8	9.44	9.73	8.68
May	391.11	403.65	357.93	41.3	41.4	41.0	9.47	9.75	8.73
June	397.44	411.27	359.98	41.4	41.5	41.0	9.60	9.91	8.78
July	388.14	400.49	357.62	40.6	40.7	40.5	9.56	9.84	8.83
August ..	393.87	406.72	360.45	40.9	41.0	40.5	9.63	9.92	8.90
September	396.88	408.59	365.79	41.0	40.9	41.1	9.68	9.99	8.90
October .	393.50	405.21	364.41	40.4	40.4	40.4	9.74	10.03	9.02
November.	398.45	410.26	367.43	40.7	40.7	40.6	9.79	10.08	9.05
December.	398.21	409.22	372.91	40.8	40.8	40.8	9.76	10.03	9.14
1982									
January .	387.50	395.69	366.83	39.3	39.1	39.7	9.86	10.12	9.24
February.	395.79	405.60	373.30	40.1	40.0	40.4	9.87	10.14	9.24
March ...	397.79	408.00	371.45	40.1	40.0	40.2	9.92	10.20	9.24

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1971	68.7	158.5	160.0	200.0	127.4	155.2	80.4	68.2	99.3
1972	70.3	158.9	162.7	205.1	126.9	155.0	78.2	66.8	102.2
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.9	67.4	92.7
1981	61.2	137.9	154.6	203.5	102.0	136.5	70.5	66.3	89.0
1981									
March ...	60.9	139.4	154.6	204.9	101.3	143.5	69.0	66.4	89.3
April ...	61.5	140.7	156.3	205.8	101.8	141.3	69.6	66.0	90.0
May	61.9	140.8	157.3	206.1	102.2	141.5	69.3	66.0	90.4
June	62.8	141.4	158.6	206.7	103.3	142.3	70.5	66.1	90.7
July	61.9	139.3	156.2	204.7	103.0	137.8	70.1	66.3	89.3
August ..	62.7	139.7	153.9	202.2	103.3	133.8	72.5	66.4	89.0
September	62.4	140.8	156.8	204.5	103.9	139.0	74.7	66.6	89.8
October .	60.9	137.3	155.0	202.3	102.0	136.6	71.2	66.7	88.7
November.	60.4	134.3	152.9	198.8	100.1	132.4	69.9	66.2	87.5
December.	58.2	125.0	148.3	196.6	97.8	119.5	70.0	66.0	84.8
1982									
January .	55.4	126.0	143.3	193.2	97.9	129.8	68.3	65.6	84.0
February.	55.3	123.5	141.1	191.0	97.4	121.3	68.2	65.8	82.1
March ...	54.7	124.3	140.6	189.8	97.0	126.9	67.9	65.2	81.6
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1971	$162.96	$177.36	$173.40	$169.33	$159.20	$198.55	$163.49	$173.82	$162.80
1972	175.14	204.61	187.87	193.46	164.42	219.99	173.43	187.21	180.48
1973	189.03	228.72	204.67	208.80	176.23	241.01	188.94	203.06	193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1981									
March ...	334.14	477.25	391.41	382.81	345.17	448.95	347.24	329.12	367.84
April ...	337.77	495.76	388.95	379.76	350.06	460.24	353.83	337.42	370.71
May	345.24	488.04	395.38	386.88	348.35	469.42	364.50	344.42	366.80
June	348.02	496.69	400.46	393.12	350.33	492.20	357.62	348.91	375.84
July	349.57	486.38	365.92	388.40	346.73	469.06	360.91	346.94	363.69
August ..	353.42	485.48	388.24	393.18	354.24	498.38	361.84	351.16	372.69
September	360.14	504.00	385.60	391.96	354.08	485.41	378.88	364.03	359.96
October .	356.65	475.61	392.18	394.54	356.49	485.81	368.33	356.45	377.51
November.	361.97	488.03	391.78	402.26	357.86	481.31	378.84	363.65	376.58
December.	359.31	476.80	398.05	403.38	361.34	480.24	379.61	368.16	386.75
1982									
January .	354.09	465.17	369.95	385.66	353.70	464.07	367.54	360.43	369.03
February.	361.00	479.97	387.89	391.55	365.82	476.49	376.28	365.00	382.94
March ...	364.50	475.53	395.41	390.98	365.60	486.93	376.99	354.55	378.39

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MARCH 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1982[b]	February 1982[c]	March 1981[c]	February 1982	March 1981
TOTAL	4198.8	4171.8	4289.4	.6	- 2.1
MANUFACTURING	1150.7	1148.9	1239.4	.2	- 7.2
Durable Goods[e]	793.1	789.3	867.6	.5	- 8.6
Lumber and wood products	12.5	12.5	13.5	.3	- 7.3
Furniture and fixtures	13.9	13.9	15.0	- .2	- 7.9
Household furniture	6.3	6.3	7.1	.5	- 11.4
Stone, clay, and glass products	54.7	55.3	60.9	- 1.0	- 10.0
Glass and glassware, pressed or blown	14.1	14.1	15.2	- .7	- 7.3
Structural clay products	4.5	4.6	5.8	- 2.8	- 23.4
Pottery and related products	6.0	6.2	6.8	- 3.5	- 11.6
Primary metal industries	124.3	123.5	139.4	.7	- 10.9
Blast furnace and basic steel products	65.8	65.8	72.2	.0	- 8.9
Iron and steel foundries	25.5	24.7	29.3	3.4	- 13.0
Nonferrous rolling and drawing	17.3	17.2	20.1	.7	- 13.7
Nonferrous foundries	8.9	9.1	10.1	- 1.6	- 11.7
Fabricated metal products	140.6	141.1	154.6	- .3	- 9.0
Cutlery, hand tools, and hardware	11.2	11.1	13.3	.1	- 16.1
Plumbing and heating, except electric	4.4	4.6	5.1	- 4.0	- 14.4
Fabricated structural metal products	33.6	33.9	35.5	- 1.0	- 5.3
Screw machine products, bolts, etc.	9.9	10.0	10.6	- 1.3	- 6.6
Metal forgings and stampings	38.5	38.2	45.1	.6	- 14.6
Machinery, except electrical	189.8	191.0	204.9	- .6	- 7.4
Construction and related machinery	23.1	23.4	25.7	- 1.1	- 10.0
Metalworking machinery	51.2	51.6	55.5	- .7	- 7.7
Special industry machinery	20.1	20.3	21.7	- .7	- 7.1
General industrial machinery	36.3	36.9	39.2	- 1.6	- 7.4
Electric and electronic equipment	97.0	97.4	101.3	- .4	- 4.3
Electrical industrial apparatus	22.2	22.5	24.1	- 1.4	- 7.9
Household appliances	15.7	15.7	17.7	- .2	- 11.3
Electric lighting and wiring equipment	19.4	19.4	19.3	- .2	.8
Communication equipment	12.0	11.8	11.9	1.2	.7
Transportation equipment	126.9	121.3	143.5	4.6	- 11.5
Motor vehicles and equipment	81.6	76.2	95.8	7.1	- 14.9
Aircraft and parts	36.5	36.2	37.7	.7	- 3.2
Instruments and related products	20.5	20.4	21.2	.1	- 3.6
Measuring and controlling devices	12.2	12.2	13.1	.5	- 6.3
Nondurable Goods[f]	357.6	359.7	371.8	- .6	- 3.8
Food and kindred products	67.9	68.2	69.0	- .4	- 1.5
Meat products	11.1	11.2	11.6	- .3	- 3.7
Dairy products	11.3	11.2	11.7	.4	- 3.5
Bakery products	11.0	11.1	11.8	- .5	- 6.2
Beverages	10.5	10.6	10.5	- .2	.2
Textile mill products	4.4	4.5	4.9	- .9	- 10.0
Apparel and other textile products	16.8	16.9	16.9	- .5	- .1
Paper and allied products	36.1	36.4	38.1	- .9	- 5.3
Paper mills, except building paper	9.2	9.3	9.8	- .7	- 6.3
Misc. converted paper products	11.7	11.8	11.7	- .9	- .3
Paperboard containers and boxes	11.9	12.0	13.0	- 1.0	- 8.4
Printing and publishing	65.2	65.8	66.4	- .9	- 1.8
Newspapers	19.4	19.5	19.5	- .3	.0
Commercial printing	24.3	24.7	25.5	- 1.7	- 4.9
Chemicals and allied products	66.9	67.1	67.8	- .2	- 1.3
Industrial inorganic chemicals	12.8	12.8	13.0	- .2	- 1.2
Plastics materials and synthetics	9.5	9.6	9.7	- .5	- 2.3
Petroleum and coal products	13.1	13.4	14.0	- 2.0	- 6.0
Rubber and misc. plastics products	81.6	82.1	89.3	- .6	- 8.6
Tires and inner tubes	22.8	22.9	25.2	- .4	- 9.7
Miscellaneous plastics products	39.6	39.7	43.9	- .2	- 9.7
Leather and leather products	5.2	5.0	5.3	3.7	- 1.7

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
MARCH 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1982[b]	February 1982[c]	March 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$397.79	$395.79	$381.60	40.1	40.1	40.9	$ 9.92	$ 9.87	$ 9.33
Durable Goods[d]	408.00	405.60	395.38	40.0	40.0	41.1	10.20	10.14	9.62
Lumber and wood products	275.87	275.99	258.65	38.8	38.6	40.1	7.11	7.15	6.45
Furniture and fixtures	290.08	286.44	273.60	39.2	38.5	40.0	7.40	7.44	6.84
Household furniture	254.49	244.65	249.29	38.5	36.9	40.8	6.61	6.63	6.11
Stone, clay, and glass products	364.50	361.00	334.14	40.5	40.2	40.6	9.00	8.98	8.23
Glass and glassware, pressed or blown	368.16	368.24	352.92	39.0	38.6	40.8	9.44	9.54	8.65
Structural clay products	280.95	277.70	263.74	40.6	40.6	39.9	6.92	6.84	6.61
Pottery and related products	289.91	291.85	271.44	37.7	38.3	39.0	7.69	7.62	6.96
Primary metal industries	475.53	479.97	477.25	39.3	39.7	41.5	12.10	12.09	11.50
Blast furnace and basic steel products	509.98	518.90	524.15	38.9	39.4	41.5	13.11	13.17	12.63
Iron and steel foundries	442.26	442.60	423.53	39.7	40.2	41.0	11.14	11.01	10.33
Nonferrous rolling and drawing	469.87	463.97	466.02	38.8	38.6	40.7	12.11	12.02	11.45
Nonferrous foundries	341.70	349.79	341.82	40.2	41.2	42.2	8.50	8.49	8.10
Fabricated metal products	395.41	387.89	391.41	39.9	39.5	40.9	9.91	9.82	9.57
Cutlery, hand tools, and hardware	395.75	394.18	382.85	40.3	40.1	38.4	9.82	9.83	9.97
Plumbing and heating, except electric	316.23	321.53	309.07	36.9	37.3	37.6	8.57	8.62	8.22
Fabricated structural metal products	359.06	355.94	339.25	39.5	39.2	40.1	9.09	9.08	8.46
Screw machine products, bolts, etc.	336.87	337.66	343.66	38.9	39.4	40.1	8.66	8.57	8.57
Metal forgings and stampings	465.96	453.82	492.78	40.1	39.6	43.0	11.62	11.46	11.46
Machinery, except electrical	390.98	391.55	382.81	40.1	40.2	41.7	9.75	9.74	9.18
Construction and related machinery	396.98	407.43	385.54	39.5	40.3	41.5	10.05	10.11	9.29
Metalworking machinery	380.63	382.76	389.23	39.2	39.5	42.4	9.71	9.69	9.18
Special industry machinery	368.92	375.50	356.83	40.9	41.4	43.2	9.02	9.07	8.26
General industrial machinery	397.76	390.04	367.35	40.3	39.8	39.5	9.87	9.80	9.30
Electric and electronic equipment	365.60	365.82	345.17	40.0	40.2	40.8	9.14	9.10	8.46
Electrical industrial apparatus	345.98	354.82	354.90	38.4	39.6	42.2	9.01	8.96	8.41
Household appliances	364.41	360.21	343.33	39.1	38.9	39.6	9.32	9.26	8.67
Electric lighting and wiring equipment	357.47	354.50	320.31	40.9	40.7	40.7	8.74	8.71	7.87
Communication equipment	409.46	434.92	379.36	40.5	41.9	40.4	10.11	10.38	9.39
Transportation equipment	486.93	476.49	448.95	41.3	40.9	41.0	11.79	11.65	10.95
Motor vehicles and equipment	507.16	494.10	471.33	41.3	40.7	41.2	12.28	12.14	11.44
Aircraft and parts	436.81	440.18	392.69	40.9	41.1	40.4	10.68	10.71	9.72
Instruments and related products	277.48	279.50	248.71	38.7	39.2	38.5	7.17	7.13	6.46
Measuring and controlling devices	278.69	281.39	253.50	38.6	39.3	39.0	7.22	7.16	6.50
Nondurable Goods[e]	371.45	373.30	348.39	40.2	40.4	40.7	9.24	9.24	8.56
Food and kindred products	376.99	376.28	347.24	40.8	40.9	40.9	9.24	9.20	8.49
Meat products	414.10	432.90	386.78	41.0	42.4	40.8	10.10	10.21	9.48
Dairy products	365.50	367.64	340.42	42.5	43.1	43.2	8.60	8.53	7.88
Bakery products	367.88	361.68	344.35	39.9	39.1	40.8	9.22	9.25	8.44
Beverages	323.74	320.73	299.83	37.6	37.6	39.4	8.61	8.53	7.61
Textile mill products	256.89	258.84	255.12	39.1	39.1	39.8	6.57	6.62	6.41
Apparel and other textile products	218.86	216.17	203.79	37.8	37.4	37.6	5.79	5.78	5.42
Paper and allied products	378.75	379.14	353.07	42.7	42.6	42.9	8.87	8.90	8.23
Paper mills, except building paper	469.34	478.06	451.71	45.7	46.1	47.8	10.27	10.37	9.45
Misc. converted paper products	334.96	332.52	306.00	41.2	40.7	40.8	8.13	8.17	7.50
Paperboard containers and boxes	346.11	341.96	313.34	41.6	41.2	40.8	8.32	8.30	7.68
Printing and publishing	354.55	365.00	329.12	37.4	38.3	37.4	9.48	9.53	8.80
Newspapers	321.28	318.53	301.04	32.0	31.6	32.3	10.04	10.08	9.32
Commercial printing	375.39	390.17	340.34	38.7	40.1	38.5	9.70	9.73	8.84
Chemicals and allied products	404.97	401.13	375.50	40.7	40.6	41.4	9.95	9.88	9.07
Industrial inorganic chemicals	433.24	424.56	414.08	41.3	41.1	41.7	10.49	10.33	9.93
Plastics materials and synthetics	436.39	439.21	404.81	41.8	42.6	42.3	10.44	10.31	9.57
Petroleum and coal products	586.08	588.23	518.15	44.0	43.8	43.0	13.32	13.43	12.05
Rubber and misc. plastics products	378.39	382.94	367.84	40.6	41.0	41.8	9.32	9.34	8.80
Tires and inner tubes	547.20	551.60	478.16	44.2	44.7	43.0	12.38	12.34	11.12
Miscellaneous plastics products	338.13	341.91	358.15	39.0	39.3	41.5	8.67	8.70	8.63
Leather and leather products	176.30	171.22	172.07	34.1	34.8	35.7	5.17	4.92	4.82

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MARCH 1982 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1982[b]	February 1982[c]	March 1981[c]	February 1982	March 1981
NONMANUFACTURING	3048.1	3022.8	3050.0	.8	- .1
MINING	31.9	31.7	31.0	.7	3.1
Bituminous coal and lignite mining	14.3	14.2	14.7	.1	- 2.8
CONSTRUCTION	128.6	122.7	139.4	4.8	- 7.8
General building contractors	31.1	29.5	34.2	5.5	- 9.2
Heavy construction contractors	18.4	17.6	19.0	4.9	- 3.1
TRANSPORTATION AND PUBLIC UTILITIES	212.6	212.1	214.5	.3	- .9
Railroad transportation	23.9	23.8	26.3	.2	- 9.3
Transportation, except railroads	92.7	92.1	93.3	.6	- .7
Trucking and warehousing	70.3	69.9	71.1	.6	- 1.1
Communication, electric, gas services	96.1	96.2	94.9	- .1	1.3
Communication	55.2	55.3	54.5	- .2	1.3
Electric, gas, and sanitary services	40.9	40.9	40.3	.0	1.3
WHOLESALE TRADE	228.7	227.7	228.9	.4	- .1
Wholesale trade-durable goods	147.7	147.3	148.1	.3	- .3
Motor vehicles & automotive equipment	20.4	20.4	21.0	.2	- 3.0
Electrical goods	19.2	19.2	19.2	- .1	- .1
Machinery, equipment, and supplies	62.4	62.2	62.3	.3	.3
Wholesale trade-nondurable goods	81.0	80.4	80.8	.7	.2
Groceries and related products	24.0	23.8	23.7	.6	1.2
RETAIL TRADE	688.3	681.4	695.2	1.0	- 1.0
General merchandise stores	110.2	110.1	115.5	.0	- 4.6
Department stores	100.5	100.6	105.3	.0	- 4.5
Food stores	114.7	114.9	114.7	- .2	- .1
Automotive dealers & service stations	70.3	69.8	73.8	.8	- 4.7
Apparel and accessory stores	34.0	33.7	34.5	.9	- 1.2
FINANCE, INSURANCE, AND REAL ESTATE	204.6	204.2	203.3	.2	.7
Banking	58.9	59.0	58.9	- .1	.1
Credit agencies other than banks	30.7	30.6	31.0	.2	- .9
Insurance carriers	59.1	59.0	58.4	.2	1.2
SERVICES	867.0	858.2	838.4	1.0	3.4
Hotels and other lodging places	30.4	30.0	29.2	1.5	4.2
Laundry, cleaning, & garment services	17.0	16.9	17.3	.8	- 1.5
Business services	128.4	127.4	122.9	.8	4.5
Health services	307.2	305.3	290.1	.6	5.9
Hospitals	170.5	169.5	161.8	.6	5.4
GOVERNMENT	686.4	684.8	699.4	.2	- 1.9
Federal government	88.2	88.7	89.6	- .5	- 1.6
State government	147.7	146.2	148.1	1.1	- .3
State government, except education	71.6	71.6	71.6	.1	- .1
State government education[i]	76.1	74.6	76.5	2.0	- .4
Local government	450.4	449.9	461.7	.1	- 2.4
Local government, except education	184.0	184.1	191.6	- .1	- 4.0
Local government education	266.4	265.8	270.1	.3	- 1.3

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
MARCH 1982 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1982[b]	February 1982[c]	March 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$447.18	$449.08	$380.82	43.5	43.6	39.3	$10.28	$10.30	$ 9.69
Bituminous coal and lignite mining	539.14	537.54	412.73	43.2	42.9	36.3	12.48	12.53	11.37
CONSTRUCTION	520.35	532.04	497.80	36.8	37.6	38.0	14.14	14.15	13.10
General building contractors	459.73	455.02	444.94	35.5	35.8	36.5	12.95	12.71	12.19
Heavy construction contractors	581.67	578.36	509.80	41.4	41.4	40.3	14.05	13.97	12.65
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	456.84	459.27	432.04	37.6	37.8	38.2	12.15	12.15	11.31
Communication, electric, gas services ..	418.77	419.18	376.94	40.5	40.5	40.1	10.34	10.35	9.40
Communication	409.54	407.72	365.19	39.8	39.7	39.1	10.29	10.27	9.34
Electric, gas, and sanitary services .	431.60	434.72	392.47	41.5	41.6	41.4	10.40	10.45	9.48
WHOLESALE TRADE	303.77	304.55	288.64	38.5	38.6	38.9	7.89	7.89	7.42
Wholesale trade-durable goods	299.92	297.22	286.44	38.8	38.6	39.4	7.73	7.70	7.27
Motor vehicles & automotive equipment.	243.62	249.91	275.26	36.8	37.3	39.1	6.62	6.70	7.04
Electrical goods	256.12	255.00	240.11	38.0	37.5	37.4	6.74	6.80	6.42
Machinery, equipment, and supplies ...	327.76	323.79	297.44	39.3	39.2	39.5	8.34	8.26	7.53
Wholesale trade-nondurable goods	311.22	317.18	292.99	38.0	38.4	38.2	8.19	8.26	7.67
Groceries and related products	340.05	350.10	326.82	40.1	40.9	40.7	8.48	8.56	8.03
RETAIL TRADE[f]	150.91	147.44	147.32	28.8	28.3	29.0	5.24	5.21	5.08
General merchandise stores	150.62	147.11	146.32	28.8	28.4	29.5	5.23	5.18	4.96
Department stores	152.40	148.58	147.80	28.7	28.3	29.5	5.31	5.25	5.01
Food stores	220.73	214.68	226.57	30.7	30.8	32.6	7.19	6.97	6.95
Automotive dealers & service stations ..	196.84	193.94	200.56	37.0	36.8	37.7	5.32	5.27	5.32
Apparel and accessory stores	116.30	111.57	105.73	27.3	26.5	26.3	4.26	4.21	4.02
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	195.53	195.25	180.78	....	....	....	....	....	....
Credit agencies other than banks	197.46	199.66	187.97	....	....	....	....	....	....
Insurance carriers	266.67	265.51	245.10	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services ..	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	254.69	253.34	229.50	33.6	33.6	33.8	7.58	7.54	6.79
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education ...	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
MARCH 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1982[b]	February 1982[c]	March 1981[c]	February 1982	March 1981
TOTAL	253.2	252.4	256.4	.3	- 1.2
MANUFACTURING	71.7	72.1	76.5	- .6	- 6.3
Durable Goods[e]	35.7	35.9	37.7	- .5	- 5.3
Stone, clay, and glass products	1.7	1.8	1.9	- .6	- 6.9
Fabricated metal products	13.4	13.4	14.5	- .4	- 7.7
Machinery, except electrical	10.0	10.0	10.8	- .2	- 7.7
Special industry machinery	1.9	2.0	2.2	- 1.5	- 10.7
Nondurable Goods[f]	35.9	36.2	38.7	- .6	- 7.2
Food and kindred products	2.9	2.9	3.0	- 1.1	- 4.8
Chemicals and allied products	3.6	3.7	3.7	- 2.2	- 1.0
Rubber and misc. plastics products	24,4	24.5	27.0	- .3	- 9.7
Tires and inner tubes	18.6	18.7	21.0	- .4	- 11.4
NONMANUFACTURING[g]	181.5	180.3	179.9	.7	.9
CONSTRUCTION	6.2	5.7	6.2	7.2	- .9
TRANSPORTATION AND PUBLIC UTILITIES	13.6	13.5	13.8	.7	- 1.1
Communication, electric, gas services	5.5	5.5	5.4	.2	2.8
WHOLESALE TRADE	12.1	12.1	12.0	.2	1.0
RETAIL TRADE	44.0	43.6	43.7	1.0	.9
FINANCE, INSURANCE, AND REAL ESTATE	9.1	9.1	9.1	.3	- .1
SERVICES	51.8	51.5	50.1	.6	3.4
GOVERNMENT	44.1	44.2	44.5	- .1	- .9
State government (includes education)	14.6	14.4	14.1	1.1	3.4
Local government (includes education)	27.4	27.6	28.3	- .8	- 3.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
MARCH 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1982[b]	February 1982[c]	March 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$414.39	$406.43	$390.09	41.9	41.6	41.9	$ 9.89	$ 9.77	$ 9.31
Durable Goods[d]	400.75	396.45	377.87	41.4	41.6	41.8	9.68	9.53	9.04
Stone, clay, and glass products	398.58	396.44	345.28	42.0	42.4	41.6	9.49	9.35	8.30
Fabricated metal products	402.87	398.45	379.29	40.9	40.7	39.8	9.85	9.79	9.53
Machinery, except electrical	401.43	387.89	392.45	42.3	42.3	43.8	9.49	9.17	8.96
Special industry machinery	347.94	353.12	342.34	40.6	41.3	41.8	8.57	8.55	8.19
Nondurable Goods[e]	432.23	421.34	402.66	42.5	41.8	41.9	10.17	10.08	9.61
Food and kindred products	417.75	406.79	388.17	44.3	43.6	45.4	9.43	9.33	8.55
Chemicals and allied products	422.47	385.12	414.29	41.5	40.2	43.2	10.18	9.58	9.59
Rubber and misc. plastics products	459.80	454.31	421.88	43.5	42.9	42.4	10.57	10.59	9.95
Tires and inner tubes	580.49	583.49	496.34	45.6	45.8	43.5	12.73	12.74	11.41
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	519.92	499.32	490.58	36.9	36.0	38.0	14.09	13.87	12.91
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	417.51	417.11	376.40	40.3	40.3	40.0	10.36	10.35	9.41
WHOLESALE TRADE	283.08	282.59	270.18	38.1	38.5	38.0	7.43	7.34	7.11
RETAIL TRADE[f]	169.56	163.54	166.65	29.8	29.1	30.3	5.69	5.62	5.50
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education) ..	......	......	......	....	....	....	....	....	....
Local government (includes education) ..	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Date relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
MARCH 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1982[b]	February 1982[c]	March 1981[c]	February 1982	March 1981
TOTAL	152.7	152.0	154.6	.5	- 1.2
MANUFACTURING	51.8	52.1	54.3	- .6	- 4.6
Durable Goods[e]	40.3	40.5	42.4	- .5	- 5.0
Stone, clay, and glass products	2.1	2.1	2.0	- .6	1.0
Primary metal industries	12.6	12.8	14.2	- 1.6	- 11.2
Fabricated metal products	9.2	9.2	9.7	- .5	- 5.5
Fabricated structural metal products	3.3	3.3	3.1[h]	.0	7.0
Metal forgings and stampings	2.4	2.4	3.1	- 2.6	- 22.5
Nondurable Goods[f]	11.5	11.6	11.9	- 1.0	- 3.1
Food and kindred products	4.2	4.2	4.2	.4	.8
Rubber and misc. plastics products	2.8	2.8	3.0	.1	- 8.1
NONMANUFACTURING[g]	100.9	99.8	100.3	1.0	.6
CONSTRUCTION	4.4	4.1	4.5	8.5	- 1.0
TRANSPORTATION AND PUBLIC UTILITIES	7.0	7.0	7.0	.3	.6
Communication, electric, gas services	3.1	3.1	3.0	- .3	2.7
WHOLESALE TRADE	7.2	7.2	7.2	- .2	- .5
RETAIL TRADE	25.2	24.9	25.0	1.2	.7
FINANCE, INSURANCE, AND REAL ESTATE	6.3	6.3	6.3	.5	1.2
SERVICES	30.1	29.8	29.5	.8	1.9
GOVERNMENT	19.3	19.2	19.5	.6	- 1.1
Local government (includes education)	16.1	16.0	16.2	.5	- .7

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
MARCH 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1982[b]	February 1982[c]	March 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]
TOTAL	......	......	......	....	....	....	.....	.....	....
MANUFACTURING	$390.39	$394.97	$386.88	39.0	39.3	40.3	$10.01	$10.05	$ 9.60
Durable Goods[d]	394.11	400.53	396.32	38.6	39.0	40.4	10.21	10.27	9.81
Stone, clay, and glass products	267.19	271.48	248.67	40.3	41.4	40.9	6.63	6.63	6.08
Primary metal industries	439.83	448.59	480.00	36.5	36.8	40.1	12.05	12.19	11.97
Fabricated metal products	405.08	409.62	404.17	39.1	39.5	41.2	10.36	10.37	9.81
Fabricated structural metal products .	387.83	387.20	375.31	39.9	40.0	42.6	9.72	9.68	8.81
Metal forgings and stampings	480.68	489.24	470.09	39.4	40.4	41.2	12.20	12.11	11.41
Nondurable Goods[e]	377.40	373.52	343.47	40.8	40.6	39.8	9.25	9.20	8.63
Food and kindred products	441.98	437.93	384.34	41.0	40.7	39.5	10.78	10.76	9.73
Rubber and misc. plastics products	384.26	384.26	360.90	45.8	45.8	44.5	8.39	8.39	8.11
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	488.59	491.32	464.26	34.8	35.5	36.7	14.04	13.84	12.65
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	435.94	433.46	383.26	41.4	41.4	40.6	10.53	10.47	9.44
WHOLESALE TRADE	292.61	289.17	275.80	38.4	38.2	38.9	7.62	7.57	7.09
RETAIL TRADE[f]	147.54	143.20	139.48	29.1	28.3	28.7	5.07	5.06	4.86
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education) ..	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
MARCH 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1982[b]	February 1982[c]	March 1981[c]	February 1982	March 1981
TOTAL	579.9	574.8	589.5	.9	- 1.6
MANUFACTURING	151.1	149.6	157.6	1.0	- 4.1
Durable Goods[e]	83.8	82.1	87.9	2.1	- 4.7
Furniture and fixtures	2.3	2.3	2.5	- 2.3	- 10.4
Primary metal industries	2.2	2.5	2.1	- 9.1	5.0
Fabricated metal products	13.0	13.3	14.5	- 2.3	- 10.4
Fabricated structural metal products	4.2	4.4	4.7	- 2.9	- 10.0
Machinery, except electrical	24.7	24.9	24.9	- .6	- .7
Metalworking machinery	13.0	13.1	13.0	- .8	.1
General industrial machinery	3.4	3.5	3.6	- 1.0	- 3.3
Electric and electronic equipment	8.3	8.3	8.6	- .2	- 3.6
Transportation equipment	22.6	20.1	25.0	12.4	- 9.7
Motor vehicles and equipment	8.0	5.5	8.7	44.8	- 8.3
Nondurable Goods[f]	67.3	67.6	69.7	- .4	- 3.5
Food and kindred products	15.8	16.0	16.6	- 1.8	- 5.3
Meat products	2.3	2.4	2.5	- .1	- 4.5
Bakery products	2.4	2.4	2.8	- .2	- 14.5
Beverages	4.4	4.6	4.8	- 3.2	- 7.8
Apparel and other textile products	3.9	3.8	3.7	1.4	4.0
Paper and allied products	6.2	6.2	6.4	.3	- 4.0
Printing and publishing	11.7	11.8	12.1	- .4	- 2.7
Chemicals and allied products	22.1	22.1	22.1	- .1	- .3
Rubber and misc. plastics products	4.0	4.0	4.3	2.0	- 5.6
NONMANUFACTURING[g]	428.9	425.2	431.9	.9	- .7
CONSTRUCTION	19.7	19.0	21.4	3.4	- 8.1
TRANSPORTATION AND PUBLIC UTILITIES	32.7	32.6	33.0	.2	- .8
Communication, electric, gas services	14.2	14.3	14.1	- .3	.7
WHOLESALE TRADE	37.7	37.5	38.1	.4	- 1.2
RETAIL TRADE	97.8	97.2	98.9	.6	- 1.1
FINANCE, INSURANCE, AND REAL ESTATE	32.0	31.8	32.4	.5	- 1.1
Banking	7.4	7.4	7.4	.5	.2
Insurance carriers	11.3	11.3	11.3	.2	.8
SERVICES	123.5	121.8	121.4	1.4	1.7
GOVERNMENT	85.3	84.9	86.5	.4	- 1.4
Federal government	13.7	13.8	13.9	- .6	- 1.6
State government (includes education)	19.0	18.7	19.1	1.4	- .7
Local government	52.5	52.4	53.4	.3	- 1.6
Local government, except education	21.5	21.5	22.5	.4	- 4.1
Local government education	31.0	30.9	30.9	.3	.2

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
MARCH 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1982[b]	February 1982[c]	March 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$377.08	$367.75	$353.46	40.2	39.8	41.1	$ 9.38	$ 9.24	$ 8.60
Durable Goods[d]	360.99	347.31	344.81	39.8	39.2	41.0	9.07	8.86	8.41
Furniture and fixtures	254.18	250.62	240.64	35.5	35.2	37.6	7.16	7.12	6.40
Primary metal industries	328.16	394.39	356.90	35.4	39.4	38.5	9.27	10.01	9.27
Fabricated metal products	352.34	334.63	336.61	39.5	38.2	40.9	8.92	8.76	8.23
Fabricated structural metal products .	299.12	289.18	293.56	38.3	38.0	41.0	7.81	7.61	7.16
Machinery, except electrical	327.55	326.61	337.55	38.4	38.2	42.3	8.53	8.55	7.98
Metalworking machinery	342.24	344.10	381.47	36.8	37.0	44.1	9.30	9.30	8.65
General industrial machinery	338.44	316.68	277.48	40.1	38.2	38.7	8.44	8.29	7.17
Electric and electronic equipment	290.77	279.94	248.68	39.4	38.4	38.2	7.38	7.29	6.51
Transportation equipment	496.02	478.92	451.86	42.0	41.9	41.8	11.81	11.43	10.81
Motor vehicles and equipment	573.29	559.34	526.25	43.3	42.6	43.6	13.24	13.13	12.07
Nondurable Goods[e]	394.63	390.02	362.50	40.6	40.5	41.1	9.72	9.63	8.82
Food and kindred products	438.54	431.26	396.83	41.1	40.8	40.7	10.67	10.57	9.75
Meat products	453.53	458.47	451.93	41.8	42.1	43.0	10.85	10.89	10.51
Bakery products	389.99	370.26	357.37	41.8	39.6	41.7	9.33	9.35	8.57
Beverages	407.68	396.06	335.72	41.6	41.0	38.5	9.80	9.66	8.72
Apparel and other textile products	229.12	217.56	218.48	38.9	37.0	38.6	5.89	5.88	5.66
Paper and allied products	323.21	339.00	306.82	40.3	41.8	40.8	8.02	8.11	7.52
Printing and publishing	388.48	378.07	349.97	39.4	39.3	38.5	9.86	9.62	9.09
Chemicals and allied products	458.58	440.13	412.90	42.5	41.6	43.1	10.79	10.58	9.58
Rubber and misc. plastics products	298.98	307.34	334.08	39.6	40.6	43.9	7.55	7.57	7.61
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	574.56	610.30	517.69	39.9	42.5	39.7	14.40	14.36	13.04
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	382.79	377.91	348.10	39.1	38.8	39.2	9.79	9.74	8.88
WHOLESALE TRADE	302.23	301.46	286.26	38.5	38.5	39.0	7.85	7.83	7.34
RETAIL TRADE[f]	150.96	150.31	145.62	29.6	29.3	29.3	5.10	5.13	4.97
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	192.64	196.50	185.94	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education) ..	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
MARCH 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1982[b]	February 1982[c]	March 1981[c]	February 1982	March 1981
TOTAL	858.4	854.9	873.0	.4	- 1.7
MANUFACTURING	236.2	236.9	247.7	- .3	- 4.6
Durable Goods[e]	169.5	170.2	181.2	- .4	- 6.5
Furniture and fixtures	2.2	2.2	2.4	2.6	- 5.7
Primary metal industries	27.6	27.6	29.4	- .1	- 5.9
Blast furnace and basic steel products	14.6	14.4	15.6	1.2	- 6.4
Iron and steel foundries	6.3	6.5	6.7	- 2.8	- 6.5
Nonferrous foundries	3.0	3.0	2.9	- .3	4.2
Fabricated metal products	36.7	36.8	39.0	- .3	- 5.7
Fabricated structural metal products	4.3	4.3	4.4	- .6	- 2.2
Screw machine products, bolts, etc.	5.7	5.8	5.9	- 1.9	- 2.5
Metal forgings and stampings	12.7	12.4	13.7	2.2	- 7.3
Machinery, except electrical	42.0	42.4	46.5	- .7	- 9.6
Construction and related machinery	6.9	6.9	8.1	.7	- 14.3
Metalworking machinery	15.0	15.2	16.9	- 1.1	- 10.8
Special industry machinery	4.4	4.4	4.6	- 1.0	- 6.3
General industrial machinery	3.4	3.6	3.9	- 3.5	- 12.3
Electric and electronic equipment	25.0	25.0	23.7[h]	- .3	5.2
Electrical industrial apparatus	8.6	8.7	9.1	- .8	- 5.7
Transportation equipment	20.9	20.9	24.5	- .4	- 14.8
Motor vehicles and equipment	13.8	13.8	16.8	.2	- 17.8
Instruments and related products	6.5	6.5	6.7	.2	- 2.7
Nondurable Goods[f]	66.7	66.7	66.5	.0	.3
Food and kindred products	8.2	8.2	8.3	- .8	- 1.6
Bakery products	1.8	1.8	1.8	- 1.1	- .3
Beverages	1.5	1.5	1.6	.8	- 2.8
Apparel and other textile products	5.3	5.4	5.6	- .4	- 3.9
Paper and allied products	5.1	5.0	5.1	1.8	.3
Printing and publishing	15.6	15.6	15.1	- .1	3.4
Chemicals and allied products	15.6	15.6	16.0	.0	- 2.4
Industrial inorganic chemicals	4.1	4.1	4.2	.0	- 2.8
Rubber and misc. plastics products	10.7	10.7	10.6	.3	1.1
NONMANUFACTURING[g]	622.1	617.9	625.3	.7	- .5
CONSTRUCTION	24.1	23.4	24.8	3.1	- 2.6
TRANSPORTATION AND PUBLIC UTILITIES	43.6	43.5	43.5	.3	.4
Communication, electric, gas services	20.1	20.1	19.5	.0	3.3
WHOLESALE TRADE	61.0	60.8	62.3	.4	- 2.1
RETAIL TRADE	132.1	131.0	134.4	.8	- 1.7
FINANCE, INSURANCE, AND REAL ESTATE	47.7	47.5	47.6	.4	.1
Banking	13.4	13.4	13.7	.1	- 2.2
Insurance carriers	11.9	11.8	11.8	.1	.7
SERVICES	194.3	192.1	189.5	1.1	2.5
GOVERNMENT	118.0	118.3	121.9	- .2	- 3.1
Federal government	19.2	19.5	20.1	- 1.7	- 4.7
State government (includes education)	7.9	7.9	8.3	.7	- 3.7
Local government	90.9	90.9	93.5	.0	- 2.8
Local government, except education	45.5	45.6	44.9	- .2	1.4
Local government education	45.4	45.3	48.7	.2	- 6.6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
MARCH 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1982[b]	February 1982[c]	March 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$400.99	$396.37	$388.63	40.3	40.2	41.3	$ 9.95	$ 9.86	$ 9.41
Durable Goods[d]	418.95	412.85	407.26	40.4	40.2	41.6	10.37	10.27	9.79
Furniture and fixtures	309.48	308.73	310.99	41.1	41.0	44.3	7.53	7.53	7.02
Primary metal industries	479.53	470.81	475.30	39.5	39.3	42.4	12.14	11.98	11.21
Blast furnace and basic steel products	510.51	499.14	538.06	38.5	37.9	42.4	13.26	13.17	12.69
Iron and steel foundries	547.76	538.90	486.22	41.0	41.2	41.7	13.36	13.08	11.66
Nonferrous foundries	319.55	323.87	315.59	38.5	39.4	39.4	8.30	8.22	8.01
Fabricated metal products	406.00	398.40	389.64	40.0	40.0	40.8	10.15	9.96	9.55
Fabricated structural metal products	330.26	350.24	316.01	39.6	41.4	39.6	8.34	8.46	7.98
Screw machine products, bolts, etc.	345.64	348.96	335.51	39.1	39.7	39.8	8.84	8.79	8.43
Metal forgings and stampings	506.35	482.80	495.62	41.2	40.1	42.8	12.29	12.04	11.58
Machinery, except electrical	410.06	414.94	405.88	40.4	40.8	41.8	10.15	10.17	9.71
Construction and related machinery	472.56	487.20	427.11	41.2	42.0	40.6	11.47	11.60	10.52
Metalworking machinery	393.41	395.34	413.42	39.9	40.3	43.2	9.86	9.81	9.57
Special industry machinery	409.54	424.54	373.72	39.8	40.9	39.8	10.29	10.38	9.39
General industrial machinery	414.41	399.56	375.23	41.4	40.4	41.6	10.01	9.89	9.02
Electric and electronic equipment	350.54	351.01	353.96	40.2	40.3	42.8	8.72	8.71	8.27
Electrical industrial apparatus	333.60	352.64	381.31	36.3	38.0	42.7	9.19	9.28	8.93
Transportation equipment	509.72	484.26	467.41	42.3	40.9	41.4	12.05	11.84	11.29
Motor vehicles and equipment	526.26	498.13	482.45	41.8	40.4	41.2	12.59	12.33	11.71
Instruments and related products	316.98	321.31	285.91	40.9	41.3	39.6	7.75	7.78	7.22
Nondurable Goods[e]	345.86	345.20	327.64	39.8	40.0	40.3	8.69	8.63	8.13
Food and kindred products	347.13	345.32	349.43	40.6	40.2	42.1	8.55	8.59	8.30
Bakery products	389.90	399.21	401.41	41.7	42.2	44.7	9.35	9.46	8.98
Beverages	299.92	314.57	281.40	38.9	40.8	40.2	7.71	7.71	7.00
Apparel and other textile products	246.00	248.25	230.08	37.5	37.9	38.8	6.56	6.55	5.93
Paper and allied products	361.21	361.88	319.98	41.0	41.5	40.3	8.81	8.72	7.94
Printing and publishing	379.55	370.28	352.03	38.3	37.9	38.6	9.91	9.77	9.12
Chemicals and allied products	397.71	397.23	386.05	40.5	40.7	41.6	9.82	9.76	9.28
Industrial inorganic chemicals	386.10	386.28	400.60	39.6	39.7	40.1	9.75	9.73	9.99
Rubber and misc. plastics products	319.35	326.14	290.21	41.8	42.8	41.4	7.64	7.62	7.01
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	574.90	590.44	548.16	36.9	37.8	37.7	15.58	15.62	14.54
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	444.40	450.25	406.82	40.4	40.6	40.2	11.00	11.09	10.12
WHOLESALE TRADE	324.37	329.55	308.50	38.8	39.0	39.1	8.36	8.45	7.89
RETAIL TRADE[f]	160.16	157.06	156.44	28.0	27.7	28.6	5.72	5.67	5.47
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	222.39	222.49	203.53	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
MARCH 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1982[b]	February 1982[c]	March 1981[c]	February 1982	March 1981
TOTAL	502.4	498.6	504.1	.8	- .3
MANUFACTURING	89.5	89.9	94.2	- .4	- 5.0
Durable Goods[e]	56.4	56.6	60.6	- .4	- 6.9
Stone, clay, and glass products	9.0	9.2	10.0	- 2.2	- 10.4
Fabricated metal products	9.3	9.4	11.7	- 1.7	- 20.7
Machinery, except electrical	11.2	11.4	11.6	- 1.4	- 3.7
Electric and electronic equipment	11.6	11.7	11.9	- .4	- 2.4
Transportation equipment	6.8	6.6	6.2	4.4	10.3
Nondurable Goods[f]	33.1	33.2	33.7	- .4	- 1.7
Food and kindred products	10.7	10.7	10.4	.3	2.5
Printing and publishing	8.6	8.5	8.8	.3	- 2.5
Chemicals and allied products	6.0	6.1	6.1	- .9	- 1.0
Rubber and misc. plastics products	2.8	2.9	3.0	- 1.6	- 7.1
NONMANUFACTURING[g]	412.9	408.7	409.9	1.0	.7
CONSTRUCTION	15.1	14.2	16.3	6.4	- 7.3
TRANSPORTATION AND PUBLIC UTILITIES	23.7	23.6	23.9	.2	- 1.0
Communication, electric, gas services	11.5	11.5	11.3	- .1	2.0
WHOLESALE TRADE	27.3	27.2	27.0	.5	1.2
RETAIL TRADE	91.6	90.3	89.9	1.4	1.8
FINANCE, INSURANCE, AND REAL ESTATE	40.5	40.4	38.7	.3	4.5
Banking	8.1	8.1	7.8	.1	4.2
Insurance carriers	17.6	17.6	17.0	.5	3.9
SERVICES	109.9	108.5	106.7	1.3	3.0
GOVERNMENT	103.9	103.6	106.5	.3	- 2.4
Federal government	11.4	11.4	11.4	- .3	- .3
State government	49.7	49.5	50.0	.4	- .6
State government, except education	29.4	29.4	29.0	.2	1.4
State government education[i]	20.3	20.2	21.0	.7	- 3.2
Local government	42.8	42.7	45.1	.3	- 5.1
Local government, except education	17.2	17.1	19.1	.3	- 10.1
Local government education	25.6	25.6	26.0	.3	- 1.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
MARCH 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1982[b]	February 1982[c]	March 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$359.72	$360.19	$338.00	39.4	39.8	40.0	$ 9.13	$ 9.05	$ 8.45
Durable Goods[d]	373.03	373.20	351.12	39.6	40.0	39.9	9.42	9.33	8.80
Stone, clay, and glass products	348.66	341.72	334.13	39.0	38.7	41.2	8.94	8.83	8.11
Fabricated metal products	405.02	408.33	408.96	38.5	39.3	38.4	10.52	10.39	10.65
Machinery, except electrical	363.53	360.33	353.58	40.8	40.9	42.6	8.91	8.81	8.30
Electric and electronic equipment	375.87	386.16	349.06	40.2	41.3	40.4	9.35	9.35	8.64
Transportation equipment	447.68	442.44	387.71	41.8	41.7	41.6	10.71	10.61	9.32
Nondurable Goods[e]	333.91	333.66	308.33	39.1	39.3	40.2	8.54	8.49	7.67
Food and kindred products	323.05	330.02	314.23	39.3	40.1	41.4	8.22	8.23	7.59
Printing and publishing	378.51	380.65	332.43	37.7	37.8	35.9	10.04	10.07	9.26
Chemicals and allied products	378.28	375.07	355.28	40.2	40.2	42.6	9.41	9.33	8.34
Rubber and misc. plastics products	303.16	298.40	281.96	40.1	40.0	42.4	7.56	7.46	6.65
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	457.79	455.16	431.29	36.8	36.5	38.1	12.44	12.47	11.32
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	436.45	440.51	392.83	40.3	40.6	39.6	10.83	10.85	9.92
WHOLESALE TRADE	291.82	292.60	287.43	38.6	38.5	39.7	7.56	7.60	7.24
RETAIL TRADE[f]	149.01	144.90	139.87	28.6	28.3	29.2	5.21	5.12	4.79
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	216.97	215.46	[illegible]	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
MARCH 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1982[b]	February 1982[c]	March 1981[c]	February 1982	March 1981
TOTAL	345.1	345.5	352.1	-.1	-2.0
MANUFACTURING	91.2	93.0	97.6	-1.9	-6.6
Durable Goods[e]	63.1	63.8	66.7	-1.2	-5.4
Stone, clay, and glass products	2.1	2.1	2.3	-.3	-8.2
Fabricated metal products	6.9	7.0	7.2	-.8	-3.5
Machinery, except electrical	29.9	30.2	31.5	-.7	-5.0
Metalworking machinery	6.7	6.7	7.4	-.3	-10.0
Electric and electronic equipment	5.2	5.3	5.6	-1.5	-7.2
Electrical industrial apparatus	3.2	3.2	3.4	-1.2	-7.0
Transportation equipment	12.9	13.3	13.6	-2.3	-5.1
Nondurable Goods[f]	28.1	29.2	30.9	-3.6	-9.0
Food and kindred products	3.1	3.1	3.0	-.1	1.7
Paper and allied products	5.5	5.6	5.9	-1.8	-7.7
Printing and publishing	8.6	9.1	9.3	-5.9	-8.0
Rubber and misc. plastics products	7.4	7.7	9.0	-4.3	-18.0
NONMANUFACTURING[g]	253.9	252.6	254.5	.5	-.2
CONSTRUCTION	9.3	8.9	11.2	4.8	-16.8
TRANSPORTATION AND PUBLIC UTILITIES	13.0	13.0	13.0	.2	-.3
Communication, electric, gas services	6.5	6.5	6.6	-.4	-2.0
WHOLESALE TRADE	16.4	16.5	16.3	-.1	.7
RETAIL TRADE	54.7	54.2	55.1	.9	-.7
FINANCE, INSURANCE, AND REAL ESTATE	13.7	13.6	13.3	.5	2.7
SERVICES	76.3	75.7	74.2	.8	2.9
GOVERNMENT	70.1	70.4	71.1	-.4	-1.3
Federal government	25.7	25.8	25.6	-.5	.4
State government (includes education)	6.8	6.8	6.0	.4	13.4
Local government	37.7	37.9	39.5	-.5	-4.7
Local government, except education	12.7	12.9	14.1	-1.6	-9.9
Local government education	25.0	24.9	25.4	.1	-1.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
MARCH 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1982[b]	February 1982[c]	March 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$389.46	$392.80	$384.50	39.7	40.0	41.3	$ 9.81	$ 9.82	$ 9.31
Durable Goods[d]	394.54	392.75	383.88	40.3	40.2	42.0	9.79	9.77	9.14
Stone, clay, and glass products	365.09	366.62	331.18	39.9	40.2	39.1	9.15	9.12	8.47
Fabricated metal products	312.05	301.84	289.68	39.4	38.5	40.8	7.92	7.84	7.10
Machinery, except electrical	414.32	418.55	399.67	40.9	41.4	42.7	10.13	10.11	9.36
Metalworking machinery	390.98	405.60	424.75	40.6	41.6	44.9	9.63	9.75	9.46
Electric and electronic equipment	307.19	306.50	283.56	41.4	41.7	40.8	7.42	7.35	6.95
Electrical industrial apparatus	322.00	329.38	317.37	40.3	41.8	42.6	7.99	7.88	7.45
Transportation equipment	487.95	471.37	508.15	39.8	38.7	42.1	12.26	12.18	12.07
Nondurable Goods[e]	376.27	393.23	385.66	38.2	39.6	39.8	9.85	9.93	9.69
Food and kindred products	403.17	402.96	384.00	39.8	39.7	40.0	10.13	10.15	9.60
Paper and allied products	326.40	339.48	327.20	40.0	41.0	40.9	8.16	8.28	8.00
Printing and publishing	365.19	429.48	360.96	37.0	41.9	38.4	9.87	10.25	9.40
Rubber and misc. plastics products	456.92	446.68	492.03	37.7	37.1	40.9	12.12	12.04	12.03
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	478.20	494.23	482.33	36.2	37.3	39.6	13.21	13.25	12.18
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	422.75	426.22	383.67	40.3	40.4	39.8	10.49	10.55	9.64
WHOLESALE TRADE	289.76	292.58	270.50	40.3	40.3	40.8	7.19	7.26	6.63
RETAIL TRADE[f]	148.03	144.10	144.00	28.8	28.2	28.8	5.14	5.11	5.00
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only. tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
MARCH 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1982[b]	February 1982[c]	March 1981[c]	February 1982	March 1981
TOTAL	283.6	281.6	288.3	.7	- 1.6
MANUFACTURING	68.4	68.8	74.6	- .4	- 8.2
Durable Goods[e]	53.2	53.2	57.9	- .2	- 8.1
Stone, clay, and glass products	12.0	12.2	13.1	- 1.6	- 8.1
Primary metal industries	4.0	4.0	4.5	.5	- 12.6
Fabricated metal products	7.1	6.7	7.8	5.8	- 9.5
Metal forgings and stampings	3.4	3.1	3.7	7.0	- 9.7
Machinery, except electrical	6.3	6.3	6.8	- .4	- 7.2
General industrial machinery	1.8	1.8	2.0	- 1.2	- 9.5
Transportation equipment	16.1	16.5	17.2	- 2.0	- 6.4
Motor vehicles and equipment	14.7	15.0	15.9	- 2.4	- 8.1
Nondurable Goods[f]	15.3	15.5	16.7	- 1.4	- 8.5
Food and kindred products	4.0	4.1	4.0	- 3.2	- .3
Petroleum and coal products	1.6	1.6	1.8	- .1	- 11.6
Rubber and misc. plastics products	2.9	2.9	3.3	- 1.3	- 13.2
NONMANUFACTURING[g]	215.1	212.8	213.7	1.1	.7
CONSTRUCTION	9.8	9.1	10.3	6.7	- 5.7
TRANSPORTATION AND PUBLIC UTILITIES	18.7	18.6	18.7	.4	.0
Communication, electric, gas services	7.7	7.7	7.3	.2	4.9
WHOLESALE TRADE	14.3	14.3	14.5	.4	- 1.6
RETAIL TRADE	50.1	49.4	50.0	1.3	.1
FINANCE, INSURANCE, AND REAL ESTATE	10.5	10.5	10.6	.0	- .5
SERVICES	64.8	64.2	61.4	.9	5.6
GOVERNMENT	46.5	46.2	47.7	.6	- 2.6
State government (includes education)	15.0	14.9	14.8	.7	1.2
Local government	28.8	28.6	30.2	.6	- 4.8
Local government, except education	10.9	10.8	11.7	.3	- 7.6
Local government education	17.9	17.8	18.5	.8	- 3.1

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
MARCH 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1982^{b}	February 1982^{c}	March 1981^{c}	Mar. 1982^{b}	Feb. 1982^{c}	Mar. 1981^{c}	Mar. 1982^{b}	Feb. 1982^{c}	Mar. 1981^{c}
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$439.11	$438.70	$400.05	41.0	41.0	41.2	$10.71	$10.70	$ 9.71
Durable Goods^{d}	456.21	452.06	411.00	41.1	40.8	41.1	11.10	11.08	10.00
Stone, clay, and glass products	462.03	457.07	416.02	43.1	42.4	42.8	10.72	10.78	9.72
Primary metal industries	413.82	415.94	399.71	41.8	42.4	43.4	9.90	9.81	9.21
Fabricated metal products	444.16	430.73	378.18	42.1	41.9	39.6	10.55	10.28	9.55
Metal forgings and stampings	488.11	504.82	413.57	41.4	43.0	39.5	11.79	11.74	10.47
Machinery, except electrical	430.50	420.97	397.03	41.0	40.4	41.4	10.50	10.42	9.59
General industrial machinery	433.54	427.10	449.60	38.4	38.1	41.4	11.29	11.21	10.86
Transportation equipment	508.33	507.85	469.90	39.9	39.8	40.3	12.74	12.76	11.66
Motor vehicles and equipment	508.16	507.67	473.18	39.7	39.6	40.1	12.80	12.82	11.80
Nondurable Goods^{e}	378.10	390.62	359.39	40.7	41.6	41.5	9.29	9.39	8.66
Food and kindred products	388.83	387.24	382.79	41.9	42.0	43.4	9.28	9.22	8.82
Petroleum and coal products	627.00	632.02	562.39	45.8	46.2	43.8	13.69	13.68	12.84
Rubber and misc. plastics products	314.38	342.78	302.48	39.2	41.2	39.8	8.02	8.32	7.60
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	597.07	611.85	556.80	38.2	38.7	38.4	15.63	15.81	14.50
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	464.82	463.01	396.19	41.8	41.6	40.1	11.12	11.13	9.88
WHOLESALE TRADE	329.76	332.82	293.36	38.3	38.7	38.0	8.61	8.60	7.72
RETAIL TRADE^{f}	154.73	152.00	155.17	28.6	28.2	28.9	5.41	5.39	5.30
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
MARCH 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1982[b]	February 1982[c]	March 1981[c]	February 1982	March 1981
TOTAL	188.5	185.4	196.5	1.7	- 4.1
MANUFACTURING	59.2	56.8	68.8	4.2	- 13.9
Durable Goods[e]	53.7	51.2	63.1	4.8	- 14.9
Stone, clay, and glass products	1.9	2.0	1.8	- 5.5	5.9
Primary metal industries	26.2	26.3	29.6	- .3	- 11.5
Blast furnace and basic steel products	14.3	14.4	15.1	- 1.0	- 5.0
Fabricated metal products	8.8	8.8	9.0	.7	- 2.0
Fabricated structural metal products	2.8	2.8	2.6	.2	4.3
Machinery, except electrical	5.3	5.3	5.7	- .9	- 7.2
Metalworking machinery	2.4	2.4	2.6	.3	- 8.9
Electric and electronic equipment	3.0	3.0	3.0	- 2.4	- 2.4
Transportation equipment	6.7	4.0	11.9	69.0	- 43.7
Nondurable Goods[f]	5.5	5.6	5.7	- 1.5	- 3.5
NONMANUFACTURING[g]	129.3	128.6	127.7	.5	1.3
CONSTRUCTION	5.1	5.1	5.6	1.7	- 7.2
TRANSPORTATION AND PUBLIC UTILITIES	8.8	8.9	8.9	- .4	- .6
Communication, electric, gas services	3.3	3.3	3.2	- .1	1.5
WHOLESALE TRADE	7.7	7.7	7.8	.5	- 1.7
RETAIL TRADE	35.0	34.6	35.1	1.0	- .4
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.2	6.9	.6	4.2
SERVICES	38.8	38.6	38.1	.5	2.0
GOVERNMENT	25.9	25.9	24.7	.1	5.0
Local government (includes education)	20.1	20.1	18.9[h]	- .1	6.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
MARCH 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1982[b]	February 1982[c]	March 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]	Mar. 1982[b]	Feb. 1982[c]	Mar. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$458.63	$459.81	$472.12	39.3	39.3	40.7	$11.67	$11.70	$11.60
Durable Goods[d]	470.03	470.40	488.31	39.3	39.2	41.0	11.96	12.00	11.91
Stone, clay, and glass products	311.54	310.08	291.61	37.9	39.3	37.1	8.22	7.89	7.86
Primary metal industries	487.46	506.28	504.56	37.7	38.5	40.3	12.93	13.15	12.52
Blast furnace and basic steel products	503.50	537.82	535.92	37.8	39.2	40.6	13.32	13.72	13.20
Fabricated metal products	486.00	464.86	611.30	40.5	39.8	46.7	12.00	11.68	13.09
Fabricated structural metal products	343.16	334.08	367.47	37.3	36.0	38.6	9.20	9.28	9.52
Machinery, except electrical	447.14	448.06	423.83	39.5	39.2	38.6	11.32	11.43	10.98
Metalworking machinery	456.12	457.33	459.35	40.4	40.4	40.4	11.29	11.32	11.37
Electric and electronic equipment	370.96	364.81	329.24	40.9	40.4	40.2	9.07	9.03	8.19
Transportation equipment	521.67	505.36	483.11	43.4	41.8	40.7	12.02	12.09	11.87
Nondurable Goods[e]	332.37	340.40	285.75	39.9	40.0	38.1	8.33	8.51	7.50
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	518.26	517.45	548.73	36.6	37.2	39.0	14.16	13.91	14.07
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	413.20	414.86	396.35	40.0	40.2	42.3	10.33	10.32	9.37
WHOLESALE TRADE	330.62	325.65	317.18	39.5	39.0	40.2	8.37	8.35	7.89
RETAIL TRADE[f]	154.52	151.01	150.82	29.1	28.6	29.4	5.31	5.28	5.13
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities.	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate.	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO

JAMES A. RHODES, *Governor*
ALBERT G. GILES, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
APRIL 1982

Unemployment in Ohio, estimated at 606,000 in April, represented 12.0 percent of the civilian labor force—down from 616,000 (12.3 percent) in March. Total employment advanced 1.0 percent, to 4,444,000. Seasonal gains in nonmanufacturing lifted nonfarm payroll employment .7 percent, to 4,220,000.

Manufacturing employment in Ohio slipped 1.0 percent from March, to 1,137,000 in April. The automotive slump continued, with further layoffs in the manufacture of motor vehicles and automotive castings. Producers of other components, however—such as stamped-metal parts and hardware—reported increases. Lack of orders also led to curtailments in the production of basic steel, metalworking machinery, electrical industrial apparatus, and household appliances. Plant shutdowns were partially responsible for employment declines in glassware and food products.

Nonmanufacturing employment in April totaled 3,084,000 statewide, up 1.3 percent from March. Much of the increase occurred as amusement parks, drive-in theaters and outdoor refreshment stands began seasonal operations. Favorable weather prompted increases in construction and in Great Lakes shipping. Cutbacks in public education, however, lowered the government level.

Average weekly earnings of Ohio's factory production workers rose $2 from March, to $398 in April—on par with record levels of November-December 1981. The average workweek, at 39.9 hours, was unchanged. More overtime was reported by producers of motor vehicles, metal stampings, beverages, and textile-mill products. Overtime increases plus wage-rate hikes boosted earnings in dairy products. Higher hours and earnings averages in paper mills were attributable to overtime, plus holiday work at premium rates. Overtime curtailments, however, were reported by producers of construction machinery and communication equipment, and by commercial printers.

The number of jobless Ohioans rose by 220,000 between April 1981 and April 1982, lifting the unemployment rate from 7.6 to 12.0 percent. Total employment fell 4.9 percent over the year, as nonfarm payrolls slipped 2.4 percent. Most manufacturing industries were well below their April 1981 levels, with greatest job losses occurring in primary and fabricated metals, nonelectrical machinery, and transportation equipment. Nonmanufacturing was relatively unchanged as declines in government, construction, and retailing countered hiring in services and dispute settlements in coal mining. Average weekly earnings of factory production workers rose $11 over the year, despite a 1.1 hour reduction in the average workweek.

For additional Labor Market Information, write
WILLIAM PAPIER, *Director of Research and Statistics*, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonagricultural establishments in the Akron area employed 255,400 wage and salary workers in April, up 2,100 from March. The increase was concentrated in seasonal nonmanufacturing industries, notably retail trade and services. Manufacturing rose fractionally, to 72,000 in April. The average factory production worker grossed $9.82 per hour for a workweek of 41.3 hours--little changed from March levels.

Canton.--April nonfarm payroll employment in Canton totaled 154,400, up 1,900 from March. Seasonal expansion in nonmanufacturing industries, chiefly retailing, services, and construction, was responsible for the gain. Manufacturing rose slightly, to 51,900 for the month. The average factory production workweek, at 38.1 hours, was down .6 hours. Average hourly earnings, at $9.96, were 5¢ lower than in March.

Cincinnati.--Workers on nonfarm payrolls in Cincinnati numbered 585,400 in April, up 5,800 from March. Seasonal hiring in services and retail trade lifted nonmanufacturing for April. Cutbacks in the production of durable goods--notably metalworking machinery--lowered manufacturing employment 500, to 150,500. Production workers in factories grossed $9.41 per hour, on par with March. Their average workweek rose .4 hours, to 40.3 hours in April.

Cleveland.--Cleveland's nonagricultural wage and salary employment advanced 5,600 from March, to 861,600 in April. Increases in services, retail trade, and construction boosted nonmanufacturing despite losses in government. Manufacturing employment decreased to 233,900, down 400 from March. The workweek and hourly earnings of the average factory production worker, at 39.8 hours and $9.97 an hour, were down .3 hours but up 4¢ for the month.

Columbus.--Nonfarm employment in the Columbus area totaled 504,000 in April, up 2,200 from March. Manufacturing slipped 700, to 88,500 for the month, with losses concentrated in durable goods. Nonmanufacturing expanded as services, construction, and retail trade gained seasonally. Earnings of factory production workers rose 6¢, to $9.18 an hour. Average weekly hours, at 39.6, were up .2 hours from the previous month.

Dayton.--Nonfarm establishments in the Dayton area employed 346,400 in April, up 1,100 from March. Nonmanufacturing accounted for the increase, as seasonal hiring in retail trade, construction, and services was moderated by cutbacks in government. Manufacturing employment dipped 400, to 90,800 in April, with much of the loss reported in nonelectrical machinery. The average workweek for factory production workers, at 40.0 hours, was half an hour longer than in March. Average hourly earnings rose 16¢, to $10.00 in April.

Toledo.--Toledo's nonagricultural wage and salary employment totaled 285,600 in April, up 2,200 from March. Nonmanufacturing was responsible for the gain, which was largely seasonal. Manufacturing decreased 200, to 68,500 for the month. Production workers in manufacturing industries grossed $10.80 per hour in April, unchanged from March. Their average workweek, at 40.7 hours, was .2 hours shorter.

Youngstown-Warren.--Nonfarm payroll employment in the Youngstown-Warren area decreased 300 from March, to 187,500 in April. Manufacturing--down 2,300, to 56,400 for the month--accounted for the loss, as cutbacks in basic steel and transportation equipment lowered durable goods. Most of the decrease was offset as nonmanufacturing expanded seasonally. The average workweek of factory production workers slipped .5 hours, to 38.6 hours in April. Hourly earnings decreased to $11.57, down 12¢ from March.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216 5-18-82

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1971	244.1	138.1	501.9	829.3	410.9	317.4	263.7	198.1
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.0	157.3	593.9	880.8	508.3	353.4	290.9	199.1
1981								
April ...	259.7	157.2	596.9	880.5	506.8	354.0	292.7	198.4
May	262.7	158.1	599.1	885.3	510.3	354.7	295.3	203.0
June	259.4	158.9	600.5	893.2	512.7	355.2	298.1	204.4
July	257.1	158.4	590.5	887.2	504.0	349.4	289.2	200.9
August ..	257.3	158.7	589.2	884.3	504.6	348.7	287.6	197.5
September	262.9	158.8	598.2	883.1	508.5	356.2	291.8	202.2
October .	263.2	158.9	597.9	885.3	515.4	356.9	295.3	201.6
November.	261.1	157.9	597.1	883.6	515.6	357.0	292.3	201.8
December.	260.6	157.0	596.2	875.6	514.7	356.1	290.8	193.1
1982								
January .	252.2	152.9	576.7	856.1	499.9	349.0	281.9	191.8
February.	252.4	152.0	574.8	854.9	498.6	345.5	281.6	185.4
March ...	253.4	152.5	579.6	856.0	501.8	345.3	283.4	187.9
April ...	255.4	154.4	585.4	861.6	504.0	346.4	285.6	187.5
	MANUFACTURING EMPLOYMENT (in thousands)							
1971	91.7	58.6	160.1	273.5	98.4	112.8	86.2	88.4
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.2	55.7	162.5	254.9	96.8	99.3	75.4	70.8
1981	75.9	55.3	158.4	247.4	93.6	97.8	74.0	67.7
1981								
April ...	76.6	55.1	158.0	247.7	93.4	97.9	75.3	69.2
May	76.6	55.4	158.6	248.0	94.1	98.3	75.3	69.8
June	77.3	55.9	160.1	251.3	94.4	98.4	76.1	69.9
July	75.8	56.1	158.4	250.0	93.0	97.9	74.3	69.0
August ..	75.5	56.4	158.3	247.8	92.7	97.1	74.9	66.7
September	76.8	56.5	159.7	249.9	94.3	99.6	76.9	69.4
October .	76.1	56.0	158.4	248.7	93.6	98.1	74.1	68.8
November.	74.9	55.1	158.6	245.9	93.2	98.0	71.5	68.3
December.	74.3	54.0	156.7	236.9	92.0	96.7	70.1	59.9
1982								
January .	73.0	52.7	151.9	238.0	91.0	95.7	68.5	63.6
February.	72.1	52.1	149.6	236.9	89.9	93.0	68.8	56.8
March ...	71.9	51.8	150.9	234.3	89.2	91.2	68.7	58.7
April ...	72.0	51.9	150.5	233.9	88.5	90.8	68.5	56.4

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1971	53.8	43.2	111.5	187.4	68.8	82.3	60.6	70.6
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.9	40.0	104.3	162.3	61.6	64.4	48.8	51.1
1981								
April ...	45.1	40.0	104.2	163.7	61.4	64.7	49.9	52.8
May	44.9	40.2	104.4	164.0	62.0	64.9	49.9	53.3
June	45.1	40.6	105.5	166.2	62.4	64.9	50.5	53.3
July	43.5	40.8	103.6	164.4	61.4	64.3	48.8	52.2
August ..	42.9	40.9	103.7	161.9	61.1	63.5	49.6	50.3
September	44.0	40.9	105.3	163.9	62.3	65.9	51.6	52.8
October .	43.3	40.4	104.3	162.4	61.4	64.8	49.0	52.3
November.	41.9	39.4	104.6	159.4	61.1	64.6	47.1	51.7
December.	41.4	38.3	102.8	150.4	60.1	63.4	45.9	43.8
1982								
January .	40.2	37.1	98.7	152.0	59.3	62.4	44.3	47.2
February.	39.4	36.6	96.8	151.4	58.2	59.8	44.8	41.2
March ...	39.3	36.2	98.2	149.0	57.5	58.4	44.8	42.8
April ...	39.4	36.3	97.8	148.7	57.0	58.2	44.6	40.8
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1971	40.6	38.9	41.0	40.6	39.6	40.6	41.4	41.4
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1981								
April ...	42.1	40.0	40.8	41.1	39.7	41.9	40.8	41.3
May	42.4	40.1	41.4	41.5	39.9	41.7	41.2	40.7
June	42.4	40.4	41.3	42.0	39.9	42.5	41.3	41.4
July	41.9	39.8	40.9	40.6	39.5	41.6	40.4	40.4
August ..	41.7	39.6	40.6	41.1	40.4	41.9	40.3	41.7
September	40.8	40.1	41.2	40.9	40.0	40.8	41.6	41.5
October .	41.2	39.7	40.7	40.7	39.8	41.1	41.1	39.8
November.	41.5	39.8	41.0	40.8	40.3	41.0	40.7	40.4
December.	42.4	40.2	41.1	40.7	40.4	41.1	41.3	39.1
1982								
January .	40.6	38.2	39.8	38.8	39.5	39.5	39.7	39.1
February.	41.6	39.3	39.8	40.2	39.8	40.0	41.0	39.3
March ...	41.2	38.7	39.9	40.1	39.4	39.5	40.3	39.1
April ...	41.3	38.1	40.3	39.8	39.6	40.0	40.7	38.6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1971	$4.36	$4.09	$3.89	$4.15	$3.77	$4.49	$4.26	$4.46
1972	4.68	4.48	4.15	4.50	4.06	4.74	4.67	4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1981								
April ...	9.36	9.67	8.61	9.54	8.55	9.51	9.72	11.65
May	9.50	9.67	8.70	9.60	8.55	9.48	9.76	11.61
June	9.53	9.76	8.69	9.79	8.65	9.67	9.97	11.70
July	9.57	9.73	8.73	9.65	8.59	9.63	9.91	11.65
August ..	9.60	9.78	8.80	9.72	8.71	9.85	9.92	11.79
September	9.64	9.96	8.93	9.79	8.86	9.72	10.13	11.69
October .	9.66	9.98	8.99	9.83	8.96	9.96	10.20	11.58
November.	9.70	10.01	9.08	9.83	9.05	9.88	10.22	11.69
December.	9.71	10.09	9.14	9.71	9.07	9.95	10.46	11.59
1982								
January .	9.73	9.95	9.26	9.82	9.04	9.92	10.58	11.73
February.	9.77	10.05	9.24	9.86	9.05	9.82	10.70	11.70
March ...	9.83	10.01	9.41	9.93	9.12	9.84	10.80	11.69
April ...	9.82	9.96	9.41	9.97	9.18	10.00	10.80	11.57
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1971	$177.02	$159.10	$159.49	$168.49	$149.29	$182.29	$176.36	$184.64
1972	197.03	181.89	173.89	190.35	164.02	201.45	196.14	201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1981								
April ...	394.06	386.80	351.29	392.09	339.44	398.47	396.58	481.15
May	402.80	387.77	360.18	398.40	341.15	395.32	402.11	472.53
June	404.07	394.30	358.90	411.18	345.14	410.98	411.76	484.38
July	400.98	387.25	357.06	391.79	339.31	400.61	400.36	470.66
August ..	400.32	387.29	357.28	399.49	351.88	412.72	399.78	491.64
September	393.31	399.40	367.92	400.41	354.40	396.58	421.41	485.14
October .	397.99	396.21	365.89	400.08	356.61	409.36	419.22	460.88
November.	402.55	398.40	372.28	401.06	364.72	405.08	415.95	472.28
December.	411.70	405.62	375.65	395.20	366.43	408.95	432.00	453.17
1982								
January .	395.04	380.09	368.55	381.02	357.08	391.84	420.03	458.64
February.	406.43	394.97	367.75	396.37	360.19	392.80	438.70	459.81
March ...	405.00	387.39	375.46	398.19	359.33	388.68	441.72	457.08
April ...	405.57	379.48	379.22	396.81	363.53	400.00	439.56	446.60

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
		AKRON[b]					CANTON[c]		
1971	277.5	261.2	16.3	5.9	1971	164.8	152.2	12.6	7.6
1972	282.2	267.4	14.9	5.3	1972	165.6	155.3	10.3	6.2
1973	287.0	274.8	12.2	4.3	1973	171.1	163.1	8.0	4.7
1974	290.3	277.3	13.0	4.5	1974	175.4	167.2	8.1	4.6
1975	291.1	263.5	27.6	9.5	1975	174.2	157.5	16.7	9.6
1976	290.2	265.3	24.9	8.6	1976	173.8	158.0	15.7	9.1
1977	292.9	273.6	19.4	6.6	1977	175.0	162.2	12.8	7.3
1978	297.8	281.1	16.7	5.6	1978	179.2	169.4	9.8	5.5
1979	302.7	284.3	18.3	6.1	1979	183.6	173.1	10.5	5.7
1980	303.9	278.2	25.7	8.5	1980	187.7	170.8	16.8	9.0
1981	301.8	273.2	28.6	9.5	1981	188.1	170.1	18.0	9.6
1981					1981				
March	298.2	271.2	27.0	9.1	March	186.1	168.2	17.9	9.6
April	300.4	278.1	22.3	7.4	April	186.9	172.6	14.3	7.7
May	308.4	283.6	24.8	8.0	May	191.0	175.6	15.3	8.0
June	302.9	277.0	25.9	8.6	June	190.1	173.8	16.3	8.6
July	308.2	278.7	29.4	9.6	July	193.8	175.5	18.3	9.5
August	307.0	276.9	30.1	9.8	August	191.8	174.4	17.4	9.1
September	302.6	273.1	29.5	9.7	September	189.2	169.1	20.1	10.6
October	302.2	273.7	28.6	9.4	October	187.0	169.5	17.5	9.4
November	304.6	272.2	32.4	10.6	November	188.8	168.9	19.9	10.5
December	302.7	269.0	33.7	11.1	December	187.8	166.2	21.6	11.5
1982					1982				
January	298.4	264.2	34.2	11.5	January	187.7	164.1	23.6	12.6
February	295.5	260.4	35.1	11.9	February	184.6	161.0	23.6	12.8
March[p]	296.8	261.4	35.3	11.9	March[p]	187.4	162.0	25.5	13.6
		CINCINNATI[d]					CLEVELAND[e]		
1971	550.0	516.0	34.0	6.2	1971	866.3	811.4	54.9	6.3
1972	561.0	529.0	32.0	5.7	1972	873.4	825.3	48.1	5.5
1973	572.0	543.0	29.0	5.1	1973	883.5	848.7	34.8	3.9
1974	595.3	569.8	25.5	4.3	1974	897.7	860.1	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	894.1	823.7	70.5	7.9
1976	600.6	562.6	38.0	6.3	1976	894.4	831.3	63.1	7.1
1977	619.1	584.6	34.4	5.6	1977	904.7	850.9	53.8	5.9
1978	642.8	610.5	32.3	5.0	1978	918.1	875.2	43.0	4.7
1979	657.9	622.9	35.1	5.3	1979	932.2	885.7	46.5	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.0	68.2	7.3
1981	678.6	619.2	59.5	8.8	1981	929.2	850.8	78.4	8.4
1981					1981				
March	672.8	616.5	56.2	8.4	March	924.2	847.1	77.1	8.3
April	679.3	630.5	48.9	7.2	April	927.7	864.5	63.3	6.8
May	688.1	636.6	51.4	7.5	May	942.6	875.3	67.3	7.1
June	684.9	629.9	55.0	8.0	June	942.1	869.6	72.6	7.7
July	691.1	628.1	63.0	9.1	July	960.4	877.8	82.6	8.6
August	683.6	624.4	59.1	8.7	August	947.5	867.9	79.7	8.4
September	680.1	616.3	63.8	9.4	September	922.4	839.8	82.6	9.0
October	678.9	616.1	62.7	9.2	October	923.6	843.7	79.9	8.7
November	684.3	617.1	67.2	9.8	November	931.4	844.3	87.1	9.4
December	679.4	611.6	67.8	10.0	December	921.1	829.1	92.1	10.0
1982					1982				
January	665.4	594.4	71.1	10.7	January	905.6	821.3	84.4	9.3
February	657.0	585.6	71.4	10.9	February	892.2	809.1	83.0	9.3
March[p]	664.4	591.4	73.0	11.0	March[p]	905.4	812.8	92.6	10.2

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data beginning with 1980 are geared to 1980 Census. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1971	445.4	425.5	19.9	4.5	1971	349.3	326.0	23.3	6.7
1972	469.1	450.2	18.9	4.0	1972	353.6	336.3	17.3	4.9
1973	485.3	468.2	17.1	3.5	1973	357.9	343.4	14.5	4.0
1974	494.7	474.7	19.9	4.0	1974	358.9	341.9	17.0	4.7
1975	493.5	457.1	36.4	7.4	1975	356.5	326.7	29.8	8.4
1976	501.7	466.7	35.0	7.0	1976	359.2	335.0	24.1	6.7
1977	511.1	481.2	29.9	5.9	1977	366.6	346.4	20.2	5.5
1978	529.4	504.6	24.8	4.7	1978	379.6	362.3	17.3	4.6
1979	540.9	515.1	25.7	4.8	1979	390.6	366.5	24.1	6.2
1980	554.7	523.3	31.5	5.7	1980	390.2	360.9	29.3	7.5
1981	562.5	518.7	43.8	7.8	1981	389.8	357.4	32.4	8.3
1981					1981				
March	557.2	515.9	41.3	7.4	March	387.2	357.1	30.2	7.8
April	559.4	525.0	34.4	6.1	April	388.2	363.3	24.9	6.4
May	571.5	533.4	38.0	6.7	May	396.4	368.4	27.9	7.1
June	569.3	528.1	41.2	7.2	June	393.2	363.4	29.8	7.6
July	573.9	528.1	45.8	8.0	July	397.4	362.2	35.2	8.9
August	569.2	524.6	44.7	7.8	August	392.7	359.0	33.8	8.6
September ..	561.3	511.9	49.4	8.8	September ..	388.9	354.8	34.1	8.8
October	565.5	519.2	46.3	8.2	October	389.7	356.4	33.3	8.5
November ...	570.6	520.4	50.2	8.8	November ...	393.8	357.1	36.7	9.3
December ...	563.4	514.2	49.2	8.7	December ...	391.4	352.2	39.2	10.0
1982					1982				
January	554.8	506.0	48.8	8.8	January	389.5	349.7	39.8	10.2
February ...	547.5	498.2	49.4	9.0	February ...	383.4	341.7	41.7	10.9
March[p]	554.0	502.6	51.4	9.3	March[p]	387.1	341.8	45.3	11.7
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1971	319.3	300.3	19.1	6.0	1971	225.0	207.1	17.9	8.0
1972	329.4	311.3	18.1	5.5	1972	226.9	212.1	14.8	6.5
1973	339.8	324.2	15.6	4.6	1973	232.4	221.7	10.7	4.6
1974	343.8	324.2	19.7	5.7	1974	236.3	223.3	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.0	209.1	26.9	11.4
1976	347.3	318.5	28.8	8.3	1976	233.4	209.8	23.6	10.1
1977	353.9	328.5	25.4	7.2	1977	233.0	214.0	18.9	8.1
1978	361.2	338.8	22.4	6.2	1978	234.3	216.6	17.7	7.5
1979	366.4	340.1	26.3	7.2	1979	236.2	219.1	17.1	7.2
1980	367.7	329.7	38.0	10.3	1980	238.4	210.4	28.0	11.7
1981	366.9	327.3	39.6	10.8	1981	233.1	205.3	27.7	11.9
1981					1981				
March	363.5	323.6	39.9	11.0	March	231.8	204.1	27.7	11.9
April	364.9	333.1	31.8	8.7	April	229.7	208.6	21.1	9.2
May	373.2	339.6	33.6	9.0	May	235.4	214.3	21.1	8.9
June	373.9	339.2	34.7	9.3	June	234.5	212.3	22.1	9.4
July	374.6	334.4	40.3	10.8	July	237.6	212.2	25.3	10.7
August	370.7	330.9	39.9	10.8	August	234.5	207.1	27.4	11.7
September ..	365.7	324.9	40.8	11.2	September ..	231.0	205.2	25.8	11.2
October	370.6	329.0	41.6	11.2	October	230.2	204.9	25.3	11.0
November ...	368.8	326.1	42.6	11.6	November ...	235.0	205.6	29.4	12.5
December ...	365.4	319.9	45.5	12.4	December ...	232.0	195.0	37.1	16.0
1982					1982				
January	361.0	313.4	47.6	13.2	January	232.6	196.1	36.5	15.7
February ...	355.7	310.0	45.7	12.8	February ...	232.8	187.2	45.6	19.6
March[p]	359.7	312.0	47.7	13.3	March[p]	231.7	190.6	41.2	17.8

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data beginning with 1980 are geared to 1980 Census. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1971	4,417	4,130	286	6.5	5.9
1972	4,511	4,261	249	5.5	5.6
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,890	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,086	4,660	426	8.4	7.1
1981	5,085	4,595	490	9.6	7.6
1981					
April ...	5,058	4,672	386	7.6	7.0
May	5,167	4,752	414	8.0	7.1
June	5,144	4,707	437	8.5	7.7
July	5,221	4,726	495	9.5	7.3
August ..	5,163	4,676	487	9.4	7.2
September	5,076	4,566	510	10.0	7.3
October .	5,084	4,580	504	9.9	7.5
November.	5,121	4,560	561	10.9	7.9
December.	5,073	4,473	600	11.8	8.3
1982					
January .	5,032	4,434	598	11.9	9.4
February.	4,967	4,361	606	12.2	9.6
March ...	5,014	4,398	616	12.3	9.5
April ...	5,050	4,444	606	12.0	9.2

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1971	3,839.5	1,333.8	2,505.7
1972	3,938.3	1,346.8	2,591.5
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.5	3,102.8
1981	4,323.1	1,232.5	3,090.5
1981			
April ...	4,326.0	1,243.3	3,082.7
May	4,356.7	1,247.2	3,109.6
June	4,384.6	1,256.2	3,128.4
July	4,326.0	1,241.7	3,084.4
August ..	4,315.1	1,236.9	3,078.2
September	4,359.0	1,252.9	3,106.1
October .	4,363.4	1,232.0	3,131.4
November.	4,342.7	1,211.9	3,130.8
December.	4,301.4	1,173.8	3,127.6
1982			
January .	4,190.3	1,167.1	3,023.2
February.	4,171.8	1,148.9	3,022.8
March ...	4,192.5	1,147.4	3,045.1
April ...	4,220.2	1,136.5	3,083.7

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1971	20.8	155.2	223.8	185.5	597.3	158.6	587.4	577.2
1972	22.7	165.1	222.9	189.6	626.7	163.8	611.7	589.1
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	193.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.4	726.6	203.8	830.9	[illegible]9.9
1981	30.3	154.2	218.4	230.7	715.3	205.2	856.2	680.2
1981								
April ...	22.7	150.6	217.0	230.2	709.5	204.0	854.3	694.4
May	23.1	155.6	217.8	230.4	719.0	204.6	859.3	699.6
June	31.6	161.6	220.0	232.6	720.5	206.4	870.0	685.6
July	32.4	166.7	220.3	232.4	717.0	207.0	864.7	644.0
August ..	32.4	167.2	220.7	231.9	719.5	207.3	864.8	634.3
September	32.6	165.9	221.2	231.6	722.9	206.2	871.1	654.6
October .	31.8	166.2	221.2	231.4	721.6	206.0	870.0	683.2
November.	32.4	161.3	220.5	231.1	728.1	205.6	864.9	686.9
December.	32.2	149.0	220.1	231.2	740.2	206.3	860.2	688.6
1982								
January .	31.8	126.5	213.4	228.4	692.5	204.5	849.7	676.4
February.	31.7	122.7	212.1	227.7	681.4	204.2	858.2	684.8
March ...	31.8	128.4	211.9	228.8	687.3	204.6	866.5	685.9
April ...	32.3	138.6	213.9	229.5	700.2	205.2	882.1	681.9

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures.

Division of Research and Statistics
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EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1971	1,333.8	936.1	397.7	958.1	$160.7	39.0
1972	1,346.8	948.8	398.0	977.6	181.0	40.7
1973	1,426.3	1,018.2	408.1	1,045.0	210.4	44.2
1974	1,416.6	1,013.1	403.5	1,026.5	217.0	42.3
1975	1,267.5	892.4	375.1	899.3	201.9	36.2
1976	1,295.3	910.6	384.6	922.0	232.8	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.5	882.6	382.0	867.8	301.9	35.2
1981	1,232.5	858.9	373.6	847.6	330.4	34.7
1981						
April ...	1,243.3	870.4	373.0	858.6	332.3	35.2
May	1,247.2	873.2	373.9	861.9	337.1	35.6
June	1,256.2	879.3	376.9	869.0	345.4	36.0
July	1,241.7	867.2	374.4	854.5	331.7	34.7
August ..	1,236.9	860.2	376.7	851.4	335.3	34.8
September	1,252.9	872.6	380.3	868.0	344.5	35.6
October .	1,232.0	858.2	373.8	848.8	334.0	34.3
November.	1,211.9	841.1	370.8	830.6	331.0	33.8
December.	1,173.8	807.0	366.8	794.3	316.3	32.4
1982						
January .	1,167.1	804.8	362.3	789.1	305.8	31.0
February.	1,148.9	789.3	359.7	773.7	306.2	31.0
March ...	1,147.4	789.7	357.7	773.5	306.2	30.9
April ...	1,136.5	780.5	356.0	763.2	303.9	30.5

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1971	$167.68	$171.36	$158.77	40.7	40.8	40.4	$4.12	$4.20	$3.93
1972	185.12	190.19	172.60	41.6	41.8	40.9	4.45	4.55	4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1981									
April ...	387.04	398.93	354.14	41.0	41.0	40.8	9.44	9.73	8.68
May	391.11	403.65	357.93	41.3	41.4	41.0	9.47	9.75	8.73
June	397.44	411.27	359.98	41.4	41.5	41.0	9.60	9.91	8.78
July	388.14	400.49	357.62	40.6	40.7	40.5	9.56	9.84	8.83
August ..	393.87	406.72	360.45	40.9	41.0	40.5	9.63	9.92	8.90
September	396.88	408.59	365.79	41.0	40.9	41.1	9.68	9.99	8.90
October .	393.50	405.21	364.41	40.4	40.4	40.4	9.74	10.03	9.02
November.	398.45	410.26	367.43	40.7	40.7	40.6	9.79	10.08	9.05
December.	398.21	409.22	372.91	40.8	40.8	40.8	9.76	10.03	9.14
1982									
January .	387.50	395.69	366.83	39.3	39.1	39.7	9.86	10.12	9.24
February.	395.79	405.60	373.30	40.1	40.0	40.4	9.87	10.14	9.24
March ...	395.81	406.36	370.93	39.9	39.8	40.1	9.92	10.21	9.25
April ...	398.20	406.93	374.53	39.9	39.7	40.1	9.98	10.25	9.34

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1971	68.7	158.5	160.0	200.0	127.4	155.2	80.4	68.2	99.3
1972	70.3	158.9	162.7	205.1	126.9	155.0	78.2	66.8	102.2
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.9	67.4	92.7
1981	61.2	137.9	154.6	203.5	102.0	136.5	70.5	66.3	89.0
1981									
April ...	61.5	140.7	156.3	205.8	101.8	141.3	69.6	66.0	90.0
May	61.9	140.8	157.3	206.1	102.2	141.5	69.3	66.0	90.4
June	62.8	141.4	158.6	206.7	103.3	142.3	70.5	66.1	90.7
July	61.9	139.3	156.2	204.7	103.0	137.8	70.1	66.3	89.3
August ..	62.7	139.7	153.9	202.2	103.3	133.8	72.5	66.4	89.0
September	62.4	140.8	156.8	204.5	103.9	139.0	74.7	66.6	89.8
October .	60.9	137.3	155.0	202.3	102.0	136.6	71.2	66.7	88.7
November.	60.4	134.3	152.9	198.8	100.1	132.4	69.9	66.2	87.5
December.	58.2	125.0	148.3	196.6	97.8	119.5	70.0	66.0	84.8
1982									
January .	55.4	126.0	143.3	193.2	97.9	129.8	68.3	65.6	84.0
February.	55.3	123.5	141.1	191.0	97.4	121.3	68.2	65.8	82.1
March ...	54.5	122.6	140.3	189.0	96.9	126.9	68.0	65.2	81.6
April ...	54.2	121.0	139.6	186.6	95.8	123.4	67.5	64.7	81.2
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1971	$162.96	$177.36	$173.40	$169.33	$159.20	$198.55	$163.49	$173.82	$162.80
1972	175.14	204.61	187.87	193.46	164.42	219.99	173.43	187.21	180.48
1973	189.03	228.72	204.67	208.80	176.23	241.01	188.94	203.06	193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1981									
April ...	337.77	495.76	388.95	379.76	350.06	460.24	353.83	337.42	370.71
May	345.24	488.04	395.38	386.88	348.35	469.42	364.50	344.42	366.80
June	348.02	496.69	400.46	393.12	350.33	492.20	357.62	348.91	375.84
July	349.57	486.38	385.92	388.40	346.73	469.06	360.91	346.94	363.69
August ..	353.42	485.48	388.24	393.18	354.24	498.38	361.84	351.16	372.69
September	360.14	504.00	385.60	391.96	354.08	485.41	378.88	364.03	359.96
October .	356.65	475.61	392.18	394.54	356.49	485.81	368.33	356.45	377.51
November.	361.97	488.03	391.78	402.26	357.86	481.31	378.84	363.65	376.58
December.	359.31	476.80	398.05	403.38	361.34	480.24	379.61	368.16	386.75
1982									
January .	354.09	465.17	369.95	385.66	353.70	464.07	367.54	360.43	369.03
February.	361.00	479.97	387.89	391.55	365.82	476.49	376.28	365.00	382.94
March ...	371.18	466.29	393.03	390.98	361.43	485.44	377.29	357.00	376.25
April ...	372.10	465.08	399.40	388.08	360.64	495.10	382.17	351.34	378.68

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
APRIL 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1982[b]	March 1982[c]	April 1981[c]	March 1982	April 1981
TOTAL	4220.2	4192.5	4326.0	.7	- 2.4
MANUFACTURING	1136.5	1147.4	1243.3	- 1.0	- 8.6
Durable Goods[e]	780.5	789.7	870.4	- 1.2	- 10.3
Lumber and wood products	12.9	12.5	14.0	3.0	- 7.6
Furniture and fixtures	13.7	13.8	15.2	- .6	- 9.7
Household furniture	6.3	6.3	7.3	- .1	- 14.4
Stone, clay, and glass products	54.2	54.5	61.5	- .6	- 11.9
Glass and glassware, pressed or blown.	13.5	13.9	15.1	- 3.1	- 10.7
Structural clay products	4.4	4.3	5.8	3.7	- 24.3
Pottery and related products	5.7	6.0	6.8	- 5.2	- 16.5
Primary metal industries	121.0	122.6	140.7	- 1.3	- 14.0
Blast furnace and basic steel products	63.1	64.0	73.2	- 1.5	- 13.8
Iron and steel foundries	24.9	25.7	29.3	- 2.8	- 14.9
Nonferrous rolling and drawing	17.7	17.3	20.4	2.0	- 13.3
Nonferrous foundries	8.7	8.9	10.1	- 2.4	- 14.3
Fabricated metal products	139.6	140.3	156.3	- .5	- 10.7
Cutlery, hand tools, and hardware	11.4	11.1	13.4	2.1	- 14.9
Plumbing and heating, except electric.	4.2	4.4	5.1	- 4.3	- 17.8
Fabricated structural metal products	33.2	33.5	36.0	- 1.0	- 7.9
Screw machine products, bolts, etc.	9.7	9.8	10.5	- 1.8	- 8.0
Metal forgings and stampings	39.0	38.6	46.0	1.2	- 15.2
Machinery, except electrical	186.6	189.0	205.8	- 1.3	- 9.4
Construction and related machinery	22.6	22.6	26.1	- .2	- 13.3
Metalworking machinery	50.1	50.8	55.7	- 1.5	- 10.1
Special industry machinery	20.0	20.1	21.5	- .6	- 7.1
General industrial machinery	35.9	36.4	39.5	- 1.2	- 9.1
Electric and electronic equipment	95.8	96.9	101.8	- 1.2	- 5.9
Electrical industrial apparatus	21.5	22.2	24.2	- 2.9	- 10.8
Household appliances	15.1	15.7	17.8	- 3.3	- 15.1
Electric lighting and wiring equipment	19.6	19.4	19.3	1.0	1.8
Communication equipment	12.0	12.0	11.7	.2	2.4
Transportation equipment	123.4	126.9	141.3	- 2.8	- 12.7
Motor vehicles and equipment	78.1	81.6	94.6	- 4.3	- 17.4
Aircraft and parts	36.6	36.4	37.2	.5	- 1.5
Instruments and related products	20.2	20.3	21.1	- .3	- 4.0
Measuring and controlling devices	12.1	12.1	13.0	.5	- 6.5
Nondurable Goods[f]	356.0	357.7	373.0	- .5	- 4.5
Food and kindred products	67.5	68.0	69.6	- .7	- 2.9
Meat products	11.1	11.3	11.9	- 1.8	- 7.0
Dairy products	11.2	11.3	11.8	- .6	- 4.9
Bakery products	11.2	11.0	11.6	1.4	- 3.6
Beverages	10.7	10.5	10.9	2.0	- 1.4
Textile mill products	4.5	4.4	4.9	2.4	- 7.0
Apparel and other textile products	16.7	16.9	16.9	- 1.4	- 1.2
Paper and allied products	35.7	36.1	38.1	- 1.1	- 6.3
Paper mills, except building paper	9.0	9.2	9.9	- 2.5	- 9.6
Misc. converted paper products	11.6	11.6	11.7	- .4	- 1.0
Paperboard containers and boxes	12.0	11.9	13.0	.8	- 7.5
Printing and publishing	64.7	65.2	66.0	- .7	- 1.9
Newspapers	19.3	19.4	19.2	- .6	.4
Commercial printing	24.0	24.2	25.5	- .8	- 5.8
Chemicals and allied products	67.0	66.8	67.8	.2	- 1.3
Industrial inorganic chemicals	12.8	12.8	12.9	.0	- 1.3
Plastics materials and synthetics	9.5	9.5	9.7	.3	- 1.9
Petroleum and coal products	13.2	13.2	14.1	.0	- 6.7
Rubber and misc. plastics products	81.2	81.6	90.0	- .5	- 9.8
Tires and inner tubes	22.8	22.9	25.0	- .5	- 8.8
Miscellaneous plastics products	39.1	39.4	44.5	- .8	- 12.3
Leather and leather products	5.3	5.2	5.4	.7	- 2.2

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]

APRIL 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1982[b]	March 1982[c]	April 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$398.20	$395.81	$387.04	39.9	39.9	41.0	$ 9.98	$ 9.92	$ 9.44
Durable Goods[d]	406.93	406.36	398.93	39.7	39.8	41.0	10.25	10.21	9.73
Lumber and wood products	271.74	274.12	248.71	38.6	38.5	38.8	7.04	7.12	6.41
Furniture and fixtures	286.73	293.53	262.00	38.8	39.4	38.7	7.39	7.45	6.77
Household furniture	251.94	258.13	226.31	38.0	38.7	38.1	6.63	6.67	5.94
Stone, clay, and glass products	372.10	371.18	337.77	40.8	40.7	40.5	9.12	9.12	8.34
Glass and glassware, pressed or blown.	364.23	367.44	354.12	38.3	38.8	39.7	9.51	9.47	8.92
Structural clay products	291.20	288.75	269.87	41.6	40.9	40.4	7.00	7.06	6.68
Pottery and related products	296.76	290.67	266.82	37.9	37.7	37.9	7.83	7.71	7.04
Primary metal industries	465.08	466.29	495.76	38.5	38.6	42.3	12.08	12.08	11.72
Blast furnace and basic steel products	491.63	494.62	555.56	37.5	37.7	43.1	13.11	13.12	12.89
Iron and steel foundries	441.67	441.61	412.85	39.4	39.5	40.2	11.21	11.18	10.27
Nonferrous rolling and drawing	473.14	469.09	497.99	39.2	38.8	42.6	12.07	12.09	11.69
Nonferrous foundries	335.07	341.74	333.73	39.7	40.3	41.1	8.44	8.48	8.12
Fabricated metal products	399.40	393.03	388.95	39.9	39.7	40.6	10.01	9.90	9.58
Cutlery, hand tools, and hardware	386.84	391.60	387.84	38.8	40.0	38.4	9.97	9.79	10.10
Plumbing and heating, except electric.	335.71	313.04	323.44	38.9	36.4	39.3	8.63	8.60	8.23
Fabricated structural metal products .	358.02	356.33	328.18	39.3	39.2	38.7	9.11	9.09	8.48
Screw machine products, bolts, etc. ..	335.34	336.87	352.76	38.5	38.9	40.5	8.71	8.66	8.71
Metal forgings and stampings	483.03	465.56	485.50	40.9	40.1	42.7	11.81	11.61	11.37
Machinery, except electrical	388.08	390.98	379.76	39.6	40.1	41.1	9.80	9.75	9.24
Construction and related machinery ...	390.85	404.61	378.68	39.4	40.1	40.5	9.92	10.09	9.35
Metalworking machinery	378.50	380.63	378.14	38.9	39.2	41.6	9.73	9.71	9.09
Special industry machinery	365.60	367.52	357.84	40.0	40.7	42.6	9.14	9.03	8.40
General industrial machinery	385.89	395.79	366.76	38.9	40.1	39.1	9.92	9.87	9.38
Electric and electronic equipment	360.64	361.43	350.06	39.2	39.5	40.8	9.20	9.15	8.58
Electrical industrial apparatus	349.71	345.98	363.80	38.9	38.4	42.5	8.99	9.01	8.56
Household appliances	365.43	363.87	345.63	39.0	39.0	39.5	9.37	9.33	8.75
Electric lighting and wiring equipment	350.22	346.02	320.40	39.0	39.5	40.1	8.98	8.76	7.99
Communication equipment	393.35	409.46	398.55	39.1	40.5	41.3	10.06	10.11	9.65
Transportation equipment	495.10	485.44	460.24	41.5	41.0	41.5	11.93	11.84	11.09
Motor vehicles and equipment	518.75	505.12	486.78	41.6	40.9	42.0	12.47	12.35	11.59
Aircraft and parts	436.97	436.81	388.23	40.8	40.9	39.9	10.71	10.68	9.73
Instruments and related products	288.51	281.46	253.49	39.2	39.2	38.7	7.36	7.18	6.55
Measuring and controlling devices	292.39	284.86	257.67	39.3	39.4	39.1	7.44	7.23	6.59
Nondurable Goods[e]	374.53	370.93	354.14	40.1	40.1	40.8	9.34	9.25	8.68
Food and kindred products	382.17	377.29	353.83	40.7	40.7	41.0	9.39	9.27	8.63
Meat products	419.23	414.32	396.47	40.9	40.9	41.0	10.25	10.13	9.67
Dairy products	378.86	366.35	336.33	43.2	42.5	42.2	8.77	8.62	7.97
Bakery products	358.36	366.03	340.57	38.7	39.7	40.4	9.26	9.22	8.43
Beverages	344.66	323.74	316.01	39.3	37.6	39.8	8.77	8.61	7.94
Textile mill products	277.30	257.28	266.50	40.6	39.1	41.0	6.83	6.58	6.50
Apparel and other textile products	215.87	218.46	199.06	36.9	37.6	37.0	5.85	5.81	5.38
Paper and allied products	395.76	375.62	361.09	43.3	42.3	43.4	9.14	8.88	8.32
Paper mills, except building paper ...	547.69	467.62	451.24	49.7	45.4	47.7	11.02	10.30	9.46
Misc. converted paper products	327.60	329.67	312.42	40.0	40.6	41.0	8.19	8.12	7.62
Paperboard containers and boxes	345.26	341.12	323.29	41.2	41.0	41.5	8.38	8.32	7.79
Printing and publishing	351.34	357.00	337.42	37.1	37.5	37.7	9.47	9.52	8.95
Newspapers	323.61	319.07	311.08	32.2	32.1	33.2	10.05	9.94	9.37
Commercial printing	364.43	376.36	353.34	38.2	38.8	39.0	9.54	9.70	9.06
Chemicals and allied products	405.42	405.37	383.88	40.3	40.7	41.5	10.06	9.96	9.25
Industrial inorganic chemicals	435.30	432.19	411.10	41.3	41.2	41.4	10.54	10.49	9.93
Plastics materials and synthetics	439.50	442.26	415.15	42.3	42.0	43.2	10.39	10.53	9.61
Petroleum and coal products	598.88	586.45	525.31	44.1	43.7	43.2	13.58	13.42	12.16
Rubber and misc. plastics products	378.68	376.25	370.71	40.5	40.5	41.7	9.35	9.29	8.89
Tires and inner tubes	530.19	528.04	489.46	43.0	43.0	43.2	12.33	12.28	11.33
Miscellaneous plastics products	344.18	340.34	362.37	39.2	39.3	41.7	8.78	8.66	8.69
Leather and leather products	192.31	176.30	173.76	36.7	34.1	35.9	5.24	5.17	4.84

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
APRIL 1982 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1982[b]	March 1982[c]	April 1981[c]	March 1982	April 1981
NONMANUFACTURING	3083.7	3045.1	3082.7	1.3	.0
MINING	32.3	31.8	22.7	1.8	42.2
Bituminous coal and lignite mining	14.2	14.0	5.9[h]	1.9	143.1
CONSTRUCTION	138.6	128.4	150.6	7.9	- 8.0
General building contractors	33.4	30.8	36.3	8.3	- 8.0
Heavy construction contractors	21.7	18.5	22.9	17.5	- 5.1
TRANSPORTATION AND PUBLIC UTILITIES	213.9	211.9	217.0	1.0	- 1.4
Railroad transportation	23.7	23.4	26.3	1.7	- 9.7
Transportation, except railroads	94.3	92.7	95.5	1.7	- 1.3
Trucking and warehousing	70.8	70.4	72.0	.7	- 1.7
Communication, electric, gas services	95.8	95.8	95.2	.1	.7
Communication	54.9	54.9	54.7	- .1	.3
Electric, gas, and sanitary services	41.0	40.9	40.5	.2	1.3
WHOLESALE TRADE	229.5	228.8	230.2	.3	- .3
Wholesale trade-durable goods	147.9	147.7	148.7	.1	- .5
Motor vehicles & automotive equipment	20.5	20.4	21.2	.7	- 3.0
Electrical goods	19.3	19.3	19.4	.3	- .5
Machinery, equipment, and supplies	62.1	62.4	61.9	- .5	.2
Wholesale trade-nondurable goods	81.6	81.0	81.5	.7	.1
Groceries and related products	24.1	23.9	23.8	.5	1.2
RETAIL TRADE	700.2	687.3	709.5	1.9	- 1.3
General merchandise stores	109.1	109.2	116.3	- .1	- 6.2
Department stores	99.5	99.6	105.9	- .2	- 6.1
Food stores	115.6	114.6	116.3	.8	- .6
Automotive dealers & service stations	70.6	70.3	74.1	.4	- 4.7
Apparel and accessory stores	34.4	34.0	34.7	.9	- .9
FINANCE, INSURANCE, AND REAL ESTATE	205.2	204.6	204.0	.3	.6
Banking	58.9	59.0	58.9	- .1	.0
Credit agencies other than banks	30.6	30.6	30.8	- .2	- .6
Insurance carriers	58.8	59.0	58.5	- .3	.6
SERVICES	882.1	866.5	854.3	1.8	3.3
Hotels and other lodging places	31.3	30.4	30.3	3.0	3.3
Laundry, cleaning, & garment services	17.1	17.0	17.5	.7	- 2.4
Business services	129.5	128.0	124.5	1.2	4.0
Health services	309.1	307.3	292.1	.6	5.8
Hospitals	171.0	170.5	162.5	.3	5.2
GOVERNMENT	681.9	685.9	694.4	- .6	- 1.8
Federal government	88.1	88.4	89.6	- .3	- 1.7
State government	146.0	147.1	146.4	- .7	- .2
State government, except education	71.3	71.5	71.4	- .2	- .1
State government education[i]	74.7	75.6	75.0	- 1.2	- .3
Local government	447.8	450.5	458.4	- .6	- 2.3
Local government, except education	184.6	184.0	190.8	.3	- 3.2
Local government education	263.2	266.5	267.6	- 1.2	- 1.6

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
APRIL 1982 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1982[b]	March 1982[c]	April 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$436.22	$445.01	$364.32	42.6	43.5	44.0	$10.24	$10.23	$ 8.28
Bituminous coal and lignite mining	522.46	533.95	457.71	42.1	43.2	41.8	12.41	12.36	10.95
CONSTRUCTION	523.11	523.98	484.90	37.1	36.9	37.3	14.10	14.20	13.00
General building contractors	461.97	460.79	447.98	35.4	35.5	36.6	13.05	12.98	12.24
Heavy construction contractors	572.77	587.70	474.13	41.0	41.3	37.9	13.97	14.23	12.51
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	444.44	454.04	434.68	36.4	37.4	37.7	12.21	12.14	11.53
Communication, electric, gas services	419.76	415.27	390.40	40.4	40.2	41.4	10.39	10.33	9.43
Communication	407.48	405.43	380.89	39.6	39.4	41.0	10.29	10.29	9.29
Electric, gas, and sanitary services	438.05	430.15	404.04	41.6	41.4	42.0	10.53	10.39	9.62
WHOLESALE TRADE	304.54	304.55	289.84	38.5	38.6	38.8	7.91	7.89	7.47
Wholesale trade—durable goods	298.76	299.54	287.73	38.6	38.8	39.2	7.74	7.72	7.34
Motor vehicles & automotive equipment	252.97	247.75	273.15	37.7	37.2	38.8	6.71	6.66	7.04
Electrical goods	249.87	256.36	239.57	36.8	37.7	37.2	6.79	6.80	6.44
Machinery, equipment, and supplies	329.47	326.19	301.02	39.6	39.3	39.4	8.32	8.30	7.64
Wholesale trade—nondurable goods	314.77	313.62	293.75	38.2	38.2	38.1	8.24	8.21	7.71
Groceries and related products	335.86	341.30	327.24	39.7	40.2	40.6	8.46	8.49	8.06
RETAIL TRADE[f]	149.81	150.15	149.48	28.7	28.6	29.6	5.22	5.25	5.05
General merchandise stores	149.81	151.44	150.09	28.7	28.9	30.2	5.22	5.24	4.97
Department stores	151.54	152.93	151.60	28.7	28.8	30.2	5.28	5.31	5.02
Food stores	218.27	220.43	230.71	30.4	30.7	33.1	7.18	7.18	6.97
Automotive dealers & service stations	197.74	196.84	201.78	37.1	37.0	38.0	5.33	5.32	5.31
Apparel and accessory stores	113.94	109.82	110.68	27.0	26.4	26.8	4.22	4.16	4.13
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	197.03	196.61	183.11	....	....	....	....	....	....
Credit agencies other than banks	198.42	198.18	187.34	....	....	....	....	....	....
Insurance carriers	268.97	267.68	245.66	....	....	....	....	....	....
SERVICES	.....	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	256.03	255.02	230.50	33.6	33.6	33.6	7.62	7.59	6.86
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
APRIL 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1982[b]	March 1982[c]	April 1981[c]	March 1982	April 1981
TOTAL	255.4	253.4	259.7	.8	- 1.6
MANUFACTURING	72.0	71.9	76.6	.1	- 6.0
Durable Goods[e]	36.0	35.7	38.0	.7	- 5.3
Stone, clay, and glass products	1.7	1.8	1.9	- 4.8	- 12.3
Fabricated metal products	13.5	13.4	14.6	1.2	- 7.4
Machinery, except electrical	9.9	9.9	10.8	.5	- 7.9
Special industry machinery	1.9	1.9	2.1	- .1	- 7.0
Nondurable Goods[f]	36.0	36.1	38.6	- .5	- 6.7
Food and kindred products	2.9	2.9	3.0	- .7	- 5.2
Chemicals and allied products	3.6	3.6	3.7	- .2	- 2.7
Rubber and misc. plastics products	24.4	24.6	26.8	- .6	- 8.9
Tires and inner tubes	18.7	18.8	20.8	- .6	- 10.3
NONMANUFACTURING[g]	183.5	181.5	183.1	1.1	.2
CONSTRUCTION	6.6	6.2	7.0	7.1	- 5.7
TRANSPORTATION AND PUBLIC UTILITIES	13.7	13.7	13.9	.4	- 1.2
Communication, electric, gas services ..	5.5	5.5	5.4	.0	1.3
WHOLESALE TRADE	12.2	12.1	12.0	.3	1.2
RETAIL TRADE	44.9	44.0	45.0	2.0	- .4
FINANCE, INSURANCE, AND REAL ESTATE	9.1	9.1	9.2	.1	- .1
SERVICES	52.6	51.8	51.0	1.6	3.1
GOVERNMENT	43.8	44.0	44.4	- .6	- 1.4
State government (includes education) ..	14.4	14.5	14.0	- .5	2.8
Local government (includes education) ..	27.2	27.4	28.3	- .6	- 3.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
APRIL 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1982[b]	March 1982[c]	April 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$405.57	$405.00	$394.06	41.3	41.2	42.1	$ 9.82	$ 9.83	$ 9.36
Durable Goods[d]	394.15	395.38	385.35	41.1	41.1	42.3	9.59	9.62	9.11
Stone, clay, and glass products	389.16	379.13	352.78	42.3	41.3	41.7	9.20	9.18	8.46
Fabricated metal products	394.76	396.73	388.40	40.2	40.4	40.5	9.82	9.82	9.59
Machinery, except electrical	391.44	402.66	395.14	42.0	42.7	44.1	9.32	9.43	8.96
Special industry machinery	346.33	351.29	352.70	39.9	40.8	42.7	8.68	8.61	8.26
Nondurable Goods[e]	420.99	419.15	404.21	41.6	41.5	41.8	10.12	10.10	9.67
Food and kindred products	414.99	415.80	372.65	43.5	44.0	44.1	9.54	9.45	8.45
Chemicals and allied products	422.69	421.23	425.20	41.4	41.5	44.2	10.21	10.15	9.62
Rubber and misc. plastics products	445.60	444.35	422.26	42.6	42.4	42.1	10.46	10.48	10.03
Tires and inner tubes	552.76	553.58	496.94	43.8	43.9	43.1	12.62	12.61	11.53
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	489.94	515.69	496.27	35.4	36.6	38.5	13.84	14.09	12.89
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	417.11	415.84	386.57	40.3	40.1	41.3	10.35	10.37	9.36
WHOLESALE TRADE	283.19	281.86	278.52	38.9	38.4	38.9	7.28	7.34	7.16
RETAIL TRADE[f]	165.82	168.45	166.77	29.4	29.5	30.6	5.64	5.71	5.45
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Date relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
APRIL 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1982[b]	March 1982[c]	April 1981[c]	March 1982	April 1981
TOTAL	154.4	152.5	157.2	1.3	- 1.8
MANUFACTURING	51.9	51.8	55.1	.2	- 5.9
Durable Goods[e]	40.2	40.2	43.1	.1	- 6.7
Stone, clay, and glass products	2.1	2.0	2.1	5.2	1.0
Primary metal industries	12.5	12.4	14.3	.2	- 13.1
Fabricated metal products	9.2	9.3	10.2	- 1.0	- 9.8
Fabricated structural metal products	3.3	3.3	3.5	- 1.8	- 5.6
Metal forgings and stampings	2.4	2.5	3.1	- 1.1	- 22.5
Nondurable Goods[f]	11.6	11.6	12.0	.5	- 2.9
Food and kindred products	4.1	4.2	4.3	- 2.8	- 3.8
Rubber and misc. plastics products	2.9	2.8	3.1	5.1	- 4.9
NONMANUFACTURING[g]	102.5	100.7	102.1	1.8	.5
CONSTRUCTION	4.9	4.4	5.0	11.1	- 3.2
TRANSPORTATION AND PUBLIC UTILITIES	7.0	7.0	7.0	.4	.9
Communication, electric, gas services	3.0	3.0	2.9	- .5	3.1
WHOLESALE TRADE	7.3	7.2	7.3	1.2	- .6
RETAIL TRADE	25.8	25.2	25.8	2.6	- .1
FINANCE, INSURANCE, AND REAL ESTATE	6.4	6.3	6.3	.5	1.7
SERVICES	30.6	30.1	30.1	1.8	1.8
GOVERNMENT	19.3	19.3	19.3	.0	- .3
Local government (includes education)	16.1	16.1	16.1	.0	.1

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
APRIL 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1982[b]	March 1982[c]	April 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$379.48	$387.39	$386.80	38.1	38.7	40.0	$ 9.96	$10.01	$ 9.67
Durable Goods[d]	382.39	391.04	396.00	37.6	38.3	40.0	10.17	10.21	9.90
Stone, clay, and glass products	252.44	267.53	257.48	38.6	39.4	42.7	6.54	6.79	6.03
Primary metal industries	415.51	428.98	497.54	34.8	35.6	41.6	11.94	12.05	11.96
Fabricated metal products	416.33	406.77	380.42	39.5	39.0	38.7	10.54	10.43	9.83
Fabricated structural metal products	386.46	388.05	325.94	39.8	39.8	35.7	9.71	9.75	9.13
Metal forgings and stampings	505.06	476.77	444.77	40.6	39.5	39.5	12.44	12.07	11.26
Nondurable Goods[e]	363.65	368.80	348.13	39.7	40.0	40.2	9.16	9.22	8.66
Food and kindred products	405.68	426.40	382.97	38.2	40.0	39.4	10.62	10.66	9.72
Rubber and misc. plastics products	387.14	385.71	369.74	45.6	45.7	45.2	8.49	8.44	8.18
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	490.32	493.51	449.45	35.3	35.1	36.1	13.89	14.06	12.45
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	422.42	434.25	390.73	40.5	41.2	41.7	10.43	10.54	9.37
WHOLESALE TRADE	288.79	290.70	269.22	37.8	38.2	37.6	7.64	7.61	7.16
RETAIL TRADE[f]	145.80	145.80	141.43	28.7	28.7	29.1	5.08	5.08	4.86
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
APRIL 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1982[b]	March 1982[c]	April 1981[c]	March 1982	April 1981
TOTAL	585.4	579.6	596.9	1.0	- 1.9
MANUFACTURING	150.5	150.9	158.0	- .3	- 4.8
Durable Goods[e]	83.0	83.7	88.1	- .9	- 5.8
Furniture and fixtures	2.2	2.3	2.5	- 1.6	- 11.2
Primary metal industries	2.4	2.3	2.1	5.6	12.1
Fabricated metal products	12.9	12.9	14.5	- .5	- 11.2
Fabricated structural metal products	4.2	4.2	4.6	- .1	- 8.3
Machinery, except electrical	24.2	24.7	25.6	- 2.1	- 5.4
Metalworking machinery	12.5	13.0	13.5	- 4.2	- 7.5
General industrial machinery	3.5	3.4	3.8	1.1	- 8.9
Electric and electronic equipment	8.2	8.3	8.7	- 1.0	- 5.7
Transportation equipment	22.3	22.6	24.9	- 1.0	- 10.2
Motor vehicles and equipment	7.8	8.0	8.7	- 2.0	- 10.3
Nondurable Goods[f]	67.4	67.2	69.9	.4	- 3.5
Food and kindred products	16.1	15.8	16.8	1.9	- 4.1
Meat products	2.4	2.4	2.5	- .3	- 6.0
Bakery products	2.5	2.4	2.5	3.1	- 2.3
Beverages	4.7	4.5	5.0	5.4	- 4.9
Apparel and other textile products	3.9	4.0	3.7	- 1.3	5.8
Paper and allied products	6.2	6.1	6.6	.9	- 6.7
Printing and publishing	11.6	11.6	12.0	- .5	- 3.1
Chemicals and allied products	22.1	22.0	21.9	.4	1.1
Rubber and misc. plastics products	3.9	4.0	4.4	- 1.9	- 11.5
NONMANUFACTURING[g]	435.0	428.7	438.9	1.5	- .9
CONSTRUCTION	20.5	19.7	22.4	4.0	- 8.5
TRANSPORTATION AND PUBLIC UTILITIES	32.8	32.7	33.2	.4	- 1.3
Communication, electric, gas services	14.3	14.2	14.1	.2	.8
WHOLESALE TRADE	37.6	37.7	37.8	- .1	- .5
RETAIL TRADE	100.2	97.7	101.6	2.5	- 1.5
FINANCE, INSURANCE, AND REAL ESTATE	32.0	32.0	32.4	- .1	- 1.5
Banking	7.4	7.4	7.4	.0	- .2
Insurance carriers	11.2	11.3	11.2	- .9	- .4
SERVICES	127.0	123.8	125.0	2.6	1.6
GOVERNMENT	84.6	84.9	86.1	- .3	- 1.7
Federal government	13.6	13.7	14.0	- 1.1	- 3.1
State government (includes education)	18.7	18.8	19.1	- .5	- 2.0
Local government	52.4	52.4	53.0	.0	- 1.2
Local government, except education	21.9	21.6	22.4	1.6	- 2.1
Local government education	30.5	30.8	30.6	- 1.1	- .5

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
APRIL 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1982[b]	March 1982[c]	April 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$379.22	$375.46	$351.29	40.3	39.9	40.8	$ 9.41	$ 9.41	$ 8.61
Durable Goods[d]	363.09	361.03	338.18	39.9	39.5	40.5	9.10	9.14	8.35
Furniture and fixtures	245.64	254.89	249.28	34.5	35.5	38.0	7.12	7.18	6.56
Primary metal industries	333.80	328.16	365.74	35.7	35.4	39.2	9.35	9.27	9.33
Fabricated metal products	363.69	348.20	330.07	40.5	39.3	40.4	8.98	8.86	8.17
Fabricated structural metal products	321.20	298.34	292.41	40.0	38.2	40.5	8.03	7.81	7.22
Machinery, except electrical	328.64	327.94	314.34	38.8	38.4	40.3	8.47	8.54	7.80
Metalworking machinery	345.20	343.17	349.45	37.4	36.9	41.8	9.23	9.30	8.36
General industrial machinery	340.96	338.44	297.11	39.6	40.1	39.3	8.61	8.44	7.56
Electric and electronic equipment	289.93	292.70	249.10	39.5	39.5	38.8	7.34	7.41	6.42
Transportation equipment	496.39	496.51	451.86	41.4	41.0	41.8	11.99	12.11	10.81
Motor vehicles and equipment	567.72	576.02	533.82	41.5	41.5	44.3	13.68	13.88	12.05
Nondurable Goods[e]	396.42	392.69	367.98	40.7	40.4	41.3	9.74	9.72	8.91
Food and kindred products	464.77	442.39	411.84	42.6	41.0	41.6	10.91	10.79	9.90
Meat products	466.04	441.98	488.33	42.6	41.0	45.3	10.94	10.78	10.78
Bakery products	379.08	389.99	359.04	40.5	41.8	41.7	9.36	9.33	8.61
Beverages	425.21	404.63	349.59	43.3	41.5	38.8	9.82	9.75	9.01
Apparel and other textile products	223.65	234.43	209.98	37.4	39.4	38.6	5.98	5.95	5.44
Paper and allied products	353.64	324.40	312.07	41.9	40.0	40.9	8.44	8.11	7.63
Printing and publishing	370.74	388.09	342.38	38.3	39.4	38.0	9.68	9.85	9.01
Chemicals and allied products	433.70	451.31	420.23	40.8	42.1	43.1	10.63	10.72	9.75
Rubber and misc. plastics products	308.21	299.49	335.84	40.5	40.2	43.9	7.61	7.45	7.65
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	585.96	567.75	488.82	40.3	39.4	38.1	14.54	14.41	12.83
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	389.00	382.79	368.81	38.9	39.1	39.7	10.00	9.79	9.29
WHOLESALE TRADE	308.50	303.41	291.33	39.1	38.7	39.0	7.89	7.84	7.47
RETAIL TRADE[f]	149.80	151.04	148.01	29.2	29.5	29.9	5.13	5.12	4.95
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	195.07	193.87	184.48	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
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Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]

APRIL 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1982[b]	March 1982[c]	April 1981[c]	March 1982	April 1981
TOTAL	861.6	856.0	880.5	.7	-2.1
MANUFACTURING	233.9	234.3	247.7	-.2	-5.6
Durable Goods[e]	167.5	167.7	181.0	-.1	-7.4
Furniture and fixtures	2.1	2.2	2.4	-2.9	-9.3
Primary metal industries	26.9	27.1	29.4	-.4	-8.5
Blast furnace and basic steel products	14.0	14.0	15.7	.0	-10.6
Iron and steel foundries	6.2	6.3	6.7	-.7	-6.5
Nonferrous foundries	3.0	3.0	2.9	-.6	3.0
Fabricated metal products	36.8	36.5	39.2	.7	-6.2
Fabricated structural metal products	4.2	4.2	4.4	-1.5	-5.3
Screw machine products, bolts, etc.	5.7	5.8	5.8	-1.1	-1.6
Metal forgings and stampings	12.9	12.7	14.0	2.0	-7.4
Machinery, except electrical	41.0	41.3	46.1	-.8	-11.1
Construction and related machinery	6.5	6.5	8.2	.2	-20.0
Metalworking machinery	14.6	14.7	16.5	-.6	-11.4
Special industry machinery	4.3	4.3	4.6	-.7	-6.2
General industrial machinery	3.4	3.4	3.9	-.7	-12.4
Electric and electronic equipment	24.9	24.8	23.7[h]	.3	4.8
Electrical industrial apperatus	8.5	8.6	9.1	-1.0	-6.8
Transportation equipment	20.7	20.8	24.6	-.7	-15.9
Motor vehicles and equipment	13.6	13.7	16.9	-1.0	-19.6
Instruments and related products	6.5	6.5	6.5	-.3	-.6
Nondurable Goods[f]	66.4	66.6	66.7	-.2	-.5
Food and kindred products	8.1	8.2	8.4	-1.7	-3.9
Bakery products	1.8	1.8	1.9	-1.1	-2.1
Beverages	1.6	1.5	1.6	1.0	-2.8
Apparel and other textile products	5.3	5.3	5.6	-.1	-3.8
Paper and allied products	5.0	5.0	5.0	.1	-1.3
Printing and publishing	15.7	15.7	15.0	.3	4.5
Chemicals and allied products	15.4	15.5	16.0	-.5	-3.7
Industrial inorganic chemicals	4.0	4.0	4.2	.1	-5.0
Rubber and misc. plastics products	10.6	10.7	10.7	-.9	-1.6
NONMANUFACTURING[g]	627.6	621.7	632.8	1.0	-.8
CONSTRUCTION	25.6	24.2	26.9	5.8	-4.9
TRANSPORTATION AND PUBLIC UTILITIES	44.3	43.4	44.8	2.0	-1.2
Communication, electric, gas services	20.0	20.0	19.6	.1	2.3
WHOLESALE TRADE	61.1	61.0	62.5	.2	-2.2
RETAIL TRADE	133.9	131.9	136.4	1.5	-1.8
FINANCE, INSURANCE, AND REAL ESTATE	47.4	47.6	47.6	-.4	-.4
Banking	13.4	13.4	13.8	-.2	-2.6
Insurance carriers	11.7	11.8	11.7	-1.2	-.4
SERVICES	196.9	194.2	192.5	1.4	2.3
GOVERNMENT	117.1	118.2	120.9	-.9	-3.1
Federal government	19.1	19.2	20.0	-.6	-4.6
State government (includes education)	7.8	8.0	7.9	-2.5	-1.4
Local government	90.3	91.0	93.0	-.8	-2.9
Local government, except education	45.4	45.5	44.7	-.2	1.5
Local government education	44.8	45.5	48.3	-1.5	-7.1

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
APRIL 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1982[b]	March 1982[c]	April 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$396.81	$398.19	$392.09	39.8	40.1	41.1	$ 9.97	$ 9.93	$ 9.54
Durable Goods[d]	416.40	416.07	411.68	40.0	40.2	41.5	10.41	10.35	9.92
Furniture and fixtures	295.07	309.96	300.94	39.5	41.0	43.3	7.47	7.56	6.95
Primary metal industries	464.26	463.87	487.77	38.4	38.4	42.6	12.09	12.08	11.45
Blast furnace and basic steel products	474.96	482.66	556.84	35.9	36.4	42.9	13.23	13.26	12.98
Iron and steel foundries	569.78	547.76	498.62	42.3	41.0	42.4	13.47	13.36	11.76
Nonferrous foundries	312.53	312.98	308.85	37.7	37.8	38.8	8.29	8.28	7.96
Fabricated metal products	421.46	409.05	396.06	40.8	40.3	41.0	10.33	10.15	9.66
Fabricated structural metal products	344.42	333.52	325.60	41.1	39.8	40.0	8.38	8.38	8.14
Screw machine products, bolts, etc.	348.38	346.14	349.52	39.1	39.2	40.5	8.91	8.83	8.63
Metal forgings and stampings	536.74	509.63	499.05	42.7	41.4	42.8	12.57	12.31	11.66
Machinery, except electrical	399.74	408.64	399.75	39.5	40.3	41.0	10.12	10.14	9.75
Construction and related machinery	437.80	483.39	423.06	39.3	41.6	40.1	11.14	11.62	10.55
Metalworking machinery	390.04	392.03	394.78	39.2	39.8	41.6	9.95	9.85	9.49
Special industry machinery	406.76	406.18	375.65	39.8	39.9	39.5	10.22	10.18	9.51
General industrial machinery	400.72	396.60	391.00	40.6	39.7	42.5	9.87	9.99	9.20
Electric and electronic equipment	340.34	344.05	359.07	39.3	39.5	42.9	8.66	8.71	8.37
Electrical industrial apparatus	347.80	334.88	408.00	37.6	36.4	44.3	9.25	9.20	9.21
Transportation equipment	514.79	510.56	474.35	42.3	42.3	41.5	12.17	12.07	11.43
Motor vehicles and equipment	551.23	527.52	502.95	43.2	41.8	42.3	12.76	12.62	11.89
Instruments and related products	321.15	317.83	292.58	40.6	40.8	40.3	7.91	7.79	7.26
Nondurable Goods[e]	340.34	345.07	328.35	39.3	39.8	39.8	8.66	8.67	8.25
Food and kindred products	374.10	347.09	332.49	41.2	40.5	40.4	9.08	8.57	8.23
Bakery products	350.95	393.02	340.75	39.3	41.9	39.9	8.93	9.38	8.54
Beverages	305.27	298.38	283.91	39.8	38.7	40.1	7.67	7.71	7.08
Apparel and other textile products	244.28	244.60	222.53	36.9	37.4	37.4	6.62	6.54	5.95
Paper and allied products	355.31	353.22	325.62	40.7	40.6	40.4	8.73	8.70	8.06
Printing and publishing	356.42	375.51	356.02	37.4	38.2	38.2	9.53	9.83	9.32
Chemicals and allied products	410.00	399.74	392.89	41.0	40.5	41.4	10.00	9.87	9.49
Industrial inorganic chemicals	392.24	390.06	391.17	39.5	39.4	39.0	9.93	9.90	10.03
Rubber and misc. plastics products	292.25	321.37	293.64	39.6	41.9	41.3	7.38	7.67	7.11
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	576.06	571.33	537.49	37.7	36.6	37.3	15.28	15.61	14.41
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	449.25	442.20	415.07	40.4	40.2	41.3	11.12	11.00	10.05
WHOLESALE TRADE	317.98	327.60	304.55	37.9	39.0	38.6	8.39	8.40	7.89
RETAIL TRADE[f]	158.44	159.02	157.54	27.7	27.8	28.8	5.72	5.72	5.47
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	228.05	225.04	212.17	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
APRIL 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1982[b]	March 1982[c]	April 1981[c]	March 1982	April 1981
TOTAL	504.0	501.8	506.8	.4	- .5
MANUFACTURING	88.5	89.2	93.4	- .8	- 5.2
Durable Goods[e]	55.5	56.1	59.6	- 1.0	- 6.9
Stone, clay, and glass products	8.8	9.0	9.9	- 1.7	- 11.4
Fabricated metal products	9.3	9.3	11.7	.4	- 20.7
Machinery, except electrical	10.9	11.2	11.8	- 2.4	- 7.2
Electric and electronic equipment	11.6	11.6	11.8	- .5	- 2.0
Transportation equipment	6.5	6.6	5.5	- 1.2	19.0
Nondurable Goods[f]	33.0	33.1	33.8	- .4	- 2.3
Food and kindred products	10.7	10.6	10.5	.7	1.6
Printing and publishing	8.5	8.6	8.7	- 1.7	- 2.6
Chemicals and allied products	6.0	6.0	6.0	.0	- .2
Rubber and misc. plastics products	2.8	2.8	3.2	- 2.3	- 12.9
NONMANUFACTURING[g]	415.5	412.6	413.4	.7	.5
CONSTRUCTION	16.0	15.2	17.5	5.5	- 8.3
TRANSPORTATION AND PUBLIC UTILITIES	23.8	23.6	24.2	.6	- 1.9
Communication, electric, gas services	11.5	11.5	11.4	.1	.3
WHOLESALE TRADE	27.5	27.4	27.1	.3	1.4
RETAIL TRADE	92.0	91.5	90.7	.6	1.5
FINANCE, INSURANCE, AND REAL ESTATE	40.6	40.5	38.9	.2	4.4
Banking	8.0	8.1	7.8	- .9	3.1
Insurance carriers	17.7	17.6	17.1	.5	3.7
SERVICES	111.4	109.9	108.2	1.3	2.9
GOVERNMENT	103.4	103.7	106.0	- .3	- 2.5
Federal government	11.5	11.5	11.4	- .3	.4
State government	49.3	49.5	49.8	- .4	- .9
State government, except education	29.2	29.3	28.9	- .4	.9
State government education[i]	20.2	20.3	20.9	- .5	- 3.4
Local government	42.6	42.7	44.8	- .1	- 4.9
Local government, except education	17.1	17.1	18.7	- .1	- 8.7
Local government education	25.5	25.5	26.1	- .2	- 2.2

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
APRIL 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1982[b]	March 1982[c]	April 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$363.53	$359.33	$339.44	39.6	39.4	39.7	$ 9.18	$ 9.12	$ 8.55
Durable Goods[d]	375.31	371.15	350.66	39.8	39.4	39.4	9.43	9.42	8.90
Stone, clay, and glass products	352.54	344.82	328.03	39.7	38.7	40.2	8.88	8.91	8.16
Fabricated metal products	421.97	404.35	413.79	39.4	38.4	38.6	10.71	10.53	10.72
Machinery, except electrical	361.97	359.96	341.54	40.9	40.4	41.1	8.85	8.91	8.31
Electric and electronic equipment	370.00	376.27	353.76	39.7	40.2	40.2	9.32	9.36	8.80
Transportation equipment	439.27	448.10	376.91	40.9	41.8	39.8	10.74	10.72	9.47
Nondurable Goods[e]	340.26	336.02	310.75	39.2	39.3	40.2	8.68	8.55	7.73
Food and kindred products	334.27	326.76	314.16	39.7	39.8	41.5	8.42	8.21	7.57
Printing and publishing	387.38	381.78	349.07	37.5	37.8	36.9	10.33	10.10	9.46
Chemicals and allied products	374.80	376.67	363.30	40.0	40.2	42.0	9.37	9.37	8.65
Rubber and misc. plastics products	302.48	305.92	286.49	39.8	40.2	41.4	7.60	7.61	6.92
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	462.09	461.32	425.26	36.5	36.7	37.7	12.66	12.57	11.28
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	441.86	432.80	411.42	40.5	40.0	41.6	10.91	10.82	9.89
WHOLESALE TRADE	295.29	291.06	285.32	38.6	38.5	39.3	7.65	7.56	7.26
RETAIL TRADE[f]	147.49	147.73	141.12	28.2	28.3	29.4	5.23	5.22	4.80
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	212.91	216.96	175.14	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
APRIL 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1982[b]	March 1982[c]	April 1981[c]	March 1982	April 1981
TOTAL	346.4	345.3	354.0	.3	- 2.1
MANUFACTURING	90.8	91.2	97.9	- .5	- 7.3
Durable Goods[e]	62.6	63.0	66.8	- .6	- 6.3
Stone, clay, and glass products	2.0	2.1	2.4	- 3.8	- 14.8
Fabricated metal products	6.8	6.9	7.1	- 1.3	- 4.4
Machinery, except electrical	29.7	29.9	31.5	- .8	- 6.0
Metalworking machinery	6.5	6.6	7.4	- 1.7	- 13.1
Electric and electronic equipment	5.1	5.2	5.5	- 1.0	- 7.4
Electrical industrial apparatus	3.1	3.1	3.4	- 1.6	- 9.4
Transportation equipment	13.1	13.0	13.7	1.2	- 4.4
Nondurable Goods[f]	28.2	28.2	31.1	.0	- 9.4
Food and kindred products	3.1	3.1	3.1	.0	1.0
Paper and allied products	5.5	5.5	5.9	1.3	- 6.8
Printing and publishing	8.5	8.5	9.3	- .3	- 8.5
Rubber and misc. plastics products	7.4	7.4	9.1	- .6	- 19.0
NONMANUFACTURING[g]	255.7	254.2	256.1	.6	- .2
CONSTRUCTION	9.9	9.3	11.8	6.9	- 15.8
TRANSPORTATION AND PUBLIC UTILITIES	13.0	12.9	13.1	.3	- 1.0
Communication, electric, gas services	6.4	6.5	6.6	- .2	- 2.7
WHOLESALE TRADE	16.5	16.5	16.5	.3	.4
RETAIL TRADE	55.6	54.7	56.1	1.7	- .9
FINANCE, INSURANCE, AND REAL ESTATE	13.7	13.7	13.4	.6	2.2
SERVICES	76.9	76.4	74.3	.7	3.5
GOVERNMENT	69.7	70.4	70.5	- 1.1	- 1.2
Federal government	25.5	25.7	25.6	- .5	- .1
State government (includes education)	6.7	6.8	5.8	- 1.4	14.8
Local government	37.4	38.0	39.1	- 1.5	- 4.3
Local government, except education	12.7	12.7	14.1	- .5	- 10.5
Local government education	24.8	25.3	25.0	- 1.9	- .8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
APRIL 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1982[b]	March 1982[c]	April 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]
TOTAL	......	......	......	....	....	..	....	....	....
MANUFACTURING	$400.00	$388.68	$398.47	40.0	39.5	41.9	$10.00	$ 9.84	$ 9.51
Durable Goods[d]	405.59	391.02	395.68	40.6	39.9	42.5	9.99	9.80	9.31
Stone, clay, and glass products	356.12	361.55	341.04	41.7	39.6	40.6	8.54	9.13	8.40
Fabricated metal products	303.74	315.22	305.45	38.4	39.6	41.9	7.91	7.96	7.29
Machinery, except electrical	435.76	413.92	409.79	41.9	40.7	43.0	10.40	10.17	9.53
Metalworking machinery	394.99	398.52	401.76	40.1	40.5	43.2	9.85	9.84	9.30
Electric and electronic equipment	299.15	296.80	295.96	40.1	40.0	42.1	7.46	7.42	7.03
Electrical industrial apparatus	322.39	315.61	324.75	40.4	39.6	43.3	7.98	7.97	7.50
Transportation equipment	495.64	475.02	522.70	40.1	39.0	42.6	12.36	12.18	12.27
Nondurable Goods[e]	385.77	379.94	404.97	38.5	38.3	40.7	10.02	9.92	9.95
Food and kindred products	411.77	408.18	366.70	39.9	39.9	38.6	10.32	10.23	9.50
Paper and allied products	324.37	334.95	346.04	39.8	40.6	42.2	8.15	8.25	8.20
Printing and publishing	370.03	373.80	394.61	36.6	36.9	39.5	10.11	10.13	9.99
Rubber and misc. plastics products	483.99	454.96	516.18	39.0	37.6	42.0	12.41	12.10	12.29
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	489.72	475.20	456.11	37.7	36.0	38.2	12.99	13.20	11.94
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	423.71	420.65	409.78	40.2	40.1	41.9	10.54	10.49	9.78
WHOLESALE TRADE	290.97	290.56	270.35	40.3	40.3	40.9	7.22	7.21	6.61
RETAIL TRADE[f]	144.78	146.15	146.12	28.5	28.6	29.4	5.08	5.11	4.97
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
APRIL 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1982[b]	March 1982[c]	April 1981[c]	March 1982	April 1981
TOTAL	285.6	283.4	292.7	.8	- 2.4
MANUFACTURING	68.5	68.7	75.3	- .4	- 9.1
Durable Goods[e]	53.2	53.4	58.5	- .2	- 9.0
Stone, clay, and glass products	12.0	12.0	13.0	- .4	- 8.1
Primary metal industries	3.9	4.0	4.6	- .4	- 13.5
Fabricated metal products	7.0	7.1	8.1	- 1.2	- 13.4
Metal forgings and stampings	3.2	3.4	3.9	- 6.3	- 16.4
Machinery, except electrical	6.1	6.2	6.9	- 1.3	- 11.0
General industrial machinery	1.8	1.8	2.0	- 1.0	- 9.0
Transportation equipment	16.3	16.2	17.4	.5	- 6.0
Motor vehicles and equipment	14.9	14.8	16.1	.8	- 7.5
Nondurable Goods[f]	15.2	15.4	16.8	- .8	- 9.4
Food and kindred products	4.0	4.0	4.0	- 1.2	- .5
Petroleum and coal products	1.7	1.7	1.9	- .2	- 12.1
Rubber and misc. plastics products	2.8	2.9	3.4	- 1.9	- 16.5
NONMANUFACTURING[g]	217.1	214.6	217.3	1.2	- .1
CONSTRUCTION	10.5	9.7	10.9	7.4	- 4.0
TRANSPORTATION AND PUBLIC UTILITIES	18.9	18.6	19.4	1.5	- 2.4
Communication, electric, gas services	7.7	7.6	7.7	1.5	.8
WHOLESALE TRADE	14.5	14.3	14.7	.9	- 1.4
RETAIL TRADE	50.4	49.9	50.8	.9	- .8
FINANCE, INSURANCE, AND REAL ESTATE	10.6	10.5	10.6	.8	.1
SERVICES	65.9	64.7	63.0	1.8	4.6
GOVERNMENT	45.9	46.3	47.5	- .9	- 3.4
State government (includes education)	14.8	14.8	14.7	- .3	.4
Local government	28.3	28.7	30.0	- 1.3	- 5.7
Local government, except education	10.7	10.8	11.7	- 1.0	- 8.4
Local government education	17.6	17.9	18.3	- 1.5	- 4.0

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
APRIL 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1982[b]	March 1982[c]	April 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$439.56	$441.72	$396.58	40.7	40.9	40.8	$10.80	$10.80	$ 9.72
Durable Goods[d]	451.98	457.26	407.41	40.5	40.9	40.7	11.16	11.18	10.01
Stone, clay, and glass products	477.48	479.70	420.72	42.9	43.1	42.8	11.13	11.13	9.83
Primary metal industries	407.22	415.23	402.75	41.3	41.9	43.4	9.86	9.91	9.28
Fabricated metal products	431.14	443.94	362.99	41.1	42.0	39.2	10.49	10.57	9.26
Metal forgings and stampings	496.84	489.82	412.48	41.3	41.3	39.7	12.03	11.86	10.39
Machinery, except electrical	408.58	426.13	392.69	39.4	40.7	40.4	10.37	10.47	9.72
General industrial machinery	430.17	433.19	457.47	37.9	38.2	41.4	11.35	11.34	11.05
Transportation equipment	507.67	504.02	475.88	39.6	39.5	40.5	12.82	12.76	11.75
Motor vehicles and equipment	507.08	502.54	479.55	39.4	39.2	40.4	12.87	12.82	11.87
Nondurable Goods[e]	395.24	382.45	356.42	41.3	40.6	41.3	9.57	9.42	8.63
Food and kindred products	439.49	396.79	374.78	44.8	41.9	42.3	9.81	9.47	8.86
Petroleum and coal products	639.47	638.67	559.43	44.5	44.6	43.4	14.37	14.32	12.89
Rubber and misc. plastics products	321.14	316.78	304.38	39.5	39.4	41.3	8.13	8.04	7.37
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	607.10	601.79	558.48	38.4	38.8	38.2	15.81	15.51	14.62
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	452.88	462.18	407.30	40.8	41.6	41.1	11.10	11.11	9.91
WHOLESALE TRADE	325.17	329.28	298.74	38.3	38.2	38.3	8.49	8.62	7.80
RETAIL TRADE[f]	154.41	154.19	155.76	28.7	28.5	29.5	5.38	5.41	5.28
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education) ..	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
APRIL 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1982[b]	March 1982[c]	April 1981[c]	March 1982	April 1981
TOTAL	187.5	187.9	198.4	- .2	- 5.5
MANUFACTURING	56.4	58.7	69.2	- 3.9	- 18.4
Durable Goods[e]	50.9	53.2	63.5	- 4.4	- 19.9
Stone, clay, and glass products	1.7	1.9	1.8	- 7.8	- 4.4
Primary metal industries	25.3	25.7	30.0	- 1.5	- 15.7
Blast furnace and basic steel products	13.2	13.7	15.2	- 4.0	- 13.4
Fabricated metal products	8.8	8.8	9.3	- .7	- 6.2
Fabricated structural metal products	2.7	2.8	2.7	- 2.1	- 1.0
Machinery, except electrical	5.3	5.3	5.7	.1	- 6.0
Metalworking machinery	2.5	2.4	2.6	3.6	- 2.8
Electric and electronic equipment	3.0	3.0	3.0	- .6	- 1.8
Transportation equipment	4.9	6.7	11.8	- 26.0	- 58.2
Nondurable Goods[f]	5.6	5.5	5.6	1.3	- 1.0
NONMANUFACTURING[g]	131.1	129.1	129.2	1.5	1.5
CONSTRUCTION	5.5	5.1	5.8	6.7	- 4.7
TRANSPORTATION AND PUBLIC UTILITIES	8.9	8.8	9.1	.8	- 2.4
Communication, electric, gas services	3.3	3.3	3.3	.3	.4
WHOLESALE TRADE	7.7	7.7	7.8	.3	- 1.2
RETAIL TRADE	35.7	34.8	36.0	2.5	- .8
FINANCE, INSURANCE, AND REAL ESTATE	7.1	7.1	7.0	.1	1.8
SERVICES	39.6	38.9	38.7	1.8	2.2
GOVERNMENT	25.7	25.9	24.0	- .4	7.1
Local government (includes education)	20.0	20.1	18.6[h]	- .3	7.6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
APRIL 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1982[b]	March 1982[c]	April 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]	Apr. 1982[b]	Mar. 1982[c]	Apr. 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$446.60	$457.08	$481.15	38.6	39.1	41.3	$11.57	$11.69	$11.65
Durable Goods[d]	458.15	468.81	494.32	38.5	39.1	41.4	11.90	11.99	11.94
Stone, clay, and glass products	340.02	317.22	286.39	39.4	37.9	35.4	8.63	8.37	8.09
Primary metal industries	478.59	486.20	537.16	37.1	37.4	41.9	12.90	13.00	12.82
Blast furnace and basic steel products	495.20	503.40	575.37	36.9	37.4	42.4	13.42	13.46	13.57
Fabricated metal products	455.07	477.20	546.35	39.4	39.9	44.6	11.55	11.96	12.25
Fabricated structural metal products	334.89	341.32	351.34	36.6	37.1	39.3	9.15	9.20	8.94
Machinery, except electrical	430.90	443.79	421.19	38.2	39.1	38.5	11.28	11.35	10.94
Metalworking machinery	439.18	453.60	452.73	38.9	40.0	40.1	11.29	11.34	11.29
Electric and electronic equipment	361.49	370.37	325.09	40.3	40.7	39.5	8.97	9.10	8.23
Transportation equipment	535.03	525.14	481.85	42.7	43.4	40.8	12.53	12.10	11.81
Nondurable Goods[e]	325.05	331.06	299.49	39.4	39.6	39.2	8.25	8.36	7.64
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	499.80	515.64	500.71	35.7	36.7	37.2	14.00	14.05	13.46
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	415.90	412.17	413.47	40.3	39.9	43.8	10.32	10.33	9.44
WHOLESALE TRADE	322.04	326.98	322.75	38.8	39.3	40.7	8.30	8.32	7.93
RETAIL TRADE[f]	152.64	153.50	153.09	28.8	28.8	29.9	5.30	5.33	5.12
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

6/22/82 56270-5

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES

JOB SERVICE OF OHIO

JAMES A. RHODES, *Governor*
GARY E. STEIN, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
MAY 1982

Unemployment in Ohio dropped from 606,000 in April to 566,000 in May, lowering the unemployment rate from 12.0 to 11.1 percent of the civilian labor force. Total employment advanced 1.8 percent, to 4,526,000. Nonfarm payroll employment rose .8 percent, to 4,248,000, due chiefly to hiring in seasonal nonmanufacturing industries.

Employment in Ohio's manufacturing industries totaled 1,132,000 in May, unchanged from the previous month. Fewer orders led to cutbacks in the production of automotive castings, general industrial machinery, and fabricated metals. Layoffs were also reported by producers of metalworking machinery and electrical industrial apparatus. The decline in commercial printing was attributable mainly to a permanent plant shutdown. Losses were countered, however, by recalls in the manufacture of motor vehicles and of plastic products.

Nonmanufacturing employment in Ohio advanced 1.0 percent from April, to 3,116,000 in May. Retailing increased as eating and drinking places added personnel. Seasonal hiring among recreational facilities boosted services, despite layoffs of temporary workers engaged in income-tax preparation. Favorable weather spurred construction during the month, while gains in state and local education lifted government employment.

Average weekly earnings climbed to a new all-time high in May as the average hourly wage topped the $10 mark for the first time. Production workers in Ohio factories grossed $403 for an average workweek of 40.2 hours in May--$5.50 and .3 hours above April. More overtime was responsible for higher hours and earnings in the production of motor vehicles, iron and steel castings, and electric lighting equipment. Food processors--notably producers of meat and bakery products--also reported stepped-up overtime. Earnings for paper-mill workers, on the other hand, dropped substantially from high April averages due to premium rates over Easter.

Unemployment in Ohio rose by over 150,000 between May 1981 and May 1982, lifting the jobless rate from 8.0 to 11.1 percent. Total employment dropped 4.8 percent, as nonfarm payrolls slipped 2.5 percent. Durable-goods industries accounted for most of the decline in manufacturing, with primary metals, nonelectrical machinery, and metal fabricating showing significant losses. Nonmanufacturing rose fractionally over the year as expansion in services and dispute settlements in coal mining offset cutbacks in other industries. Factory production workers grossed $12 more per week in May 1982 than in May 1981 although their workweek averaged 1.1 hours shorter.

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--May nonfarm payroll employment in Akron totaled 257,800, up 2,700 from April. Seasonal expansion in nonmanufacturing industries--services, government, retailing, and construction--was responsible for the gain. Manufacturing rose only slightly, to 71,700 for the month. The average factory production workweek, at 40.7 hours, and average hourly earnings, at $9.79, were little changed from the previous month.

Canton.--Workers on nonfarm payrolls in Canton numbered 154,600 in May, up 1,400 from April. Seasonal hiring in construction, retail trade, and services lifted nonmanufacturing for May. Cutbacks in the production of durable goods were more than offset by increases in nondurable goods, raising manufacturing 200, to 50,900 in May. Production workers in factories grossed $10.14 per hour, up 6¢ from April. Their average workweek rose .4 hours, to 39.3 for the month.

Cincinnati.--Cincinnati's nonagricultural wage and salary employment advanced 3,900 from April, to 589,300 in May. Increases in services, retail trade, and construction boosted nonmanufacturing. Factory employment increased fractionally from April, to 150,600 in May. The workweek and hourly earnings of the average manufacturing production worker, at 40.5 hours and $9.52 an hour, were up .3 hours and 9¢, respectively, from the previous month.

Cleveland.--Nonfarm employment in the Cleveland area totaled 864,800 in May, up 4,000 from April. Manufacturing slipped 300, to 232,900 for the month, with losses concentrated in durable goods. Seasonal hiring--notably in retailing, government, and services--lifted nonmanufacturing for the overall gain, however. Earnings of factory production workers rose 12¢, to $10.11 an hour. Average weekly hours, at 40.8, were up .7 hours from April.

Columbus.--Nonfarm establishments in the Columbus area employed 507,300 in May, up 3,100 from April. Nonmanufacturing accounted for the increase, with greatest gains occurring in retail trade and construction. Manufacturing employment dipped 500, to 87,800 in May, with much of the loss attributable to fewer orders for glass and glassware. The average workweek for factory production workers, at 39.6 hours, was .2 hours longer than in April. Their average hourly earnings rose 10¢, to $9.28 in May.

Dayton.--Dayton's nonagricultural wage and salary employment totaled 346,700 in May, up 400 from April. The gain occurred in nonmanufacturing, as temporary layoffs in private educational services were more than offset by expansion in most other industries. Manufacturing employment slipped 600, to 90,000 for the month, due mainly to layoffs in printing and publishing. Production workers in manufacturing industries grossed $10.06 per hour in May, up 12¢ from April. Their average workweek, at 39.9 hours, was little changed.

Toledo.--Nonfarm payroll employment in Toledo increased 3,300 from April, to 288,800 in May. Manufacturing rose 400, to 68,800 for the month, due chiefly to gains among hard-goods producers. Seasonal expansion boosted nonmanufacturing industries, notably government, retail trade, and construction. The average workweek of factory production workers increased half an hour, to 40.8 hours in May. Hourly earnings rose 5¢, to $10.85 for the month.

Youngstown-Warren.--Nonagricultural establishments in the Youngstown-Warren area employed 190,900 wage and salary workers in May, up 4,100 from April. Recalls of furloughed workers in transportation equipment lifted manufacturing by 2,200, to 58,100 in May. Nonmanufacturing rose seasonally. The average factory production worker grossed $11.65 per hour for a workweek of 39.5 hours--up 6¢ and .9 hours, respectively, from April.

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Columbus 43216 6-17-82

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1971	244.1	138.1	501.9	829.3	410.9	317.4	263.7	198.1
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.0	157.3	593.9	880.8	508.3	353.4	290.9	199.1
1981								
May	262.7	158.1	599.1	885.3	510.3	354.7	295.3	203.0
June	259.4	158.9	600.5	893.2	512.7	355.2	298.1	204.4
July	257.1	158.4	590.5	887.2	504.0	349.4	289.2	200.9
August ..	257.3	158.7	589.2	884.3	504.6	348.7	287.6	197.5
September	262.9	158.8	598.2	883.1	508.5	356.2	291.8	202.2
October .	263.2	156.9	597.9	885.3	515.4	356.9	295.3	201.6
November.	261.1	157.9	597.1	883.6	515.6	357.0	292.3	201.8
December.	260.6	157.0	596.2	875.6	514.7	356.1	290.8	193.1
1982								
January .	252.2	152.9	576.7	856.1	499.9	349.0	281.9	191.8
February.	252.4	152.0	574.8	854.9	498.6	345.5	281.6	185.4
March ...	253.4	152.5	579.6	856.0	501.8	345.3	283.4	187.9
April ...	255.1	153.2	585.4	860.8	504.1	346.3	285.5	186.8
May	257.8	154.6	589.3	864.8	507.3	346.7	288.8	190.9
	MANUFACTURING EMPLOYMENT (in thousands)							
1971	91.7	58.6	160.1	273.5	98.4	112.8	86.2	88.4
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.2	55.7	162.5	254.9	96.8	99.3	75.4	70.8
1981	75.9	55.3	158.4	247.4	93.6	97.8	74.0	67.7
1981								
May	76.6	55.4	158.6	248.0	94.1	98.3	75.3	69.8
June	77.3	55.9	160.1	251.3	94.4	98.4	76.1	69.9
July	75.8	56.1	158.4	250.0	93.0	97.9	74.3	69.0
August ..	75.5	56.4	158.3	247.8	92.7	97.1	74.9	66.7
September	76.8	56.5	159.7	249.9	94.3	99.6	76.9	69.4
October .	76.1	56.0	158.4	248.7	93.6	98.1	74.1	68.8
November.	74.9	55.1	158.6	245.9	93.2	98.0	71.5	68.3
December.	74.3	54.0	156.7	236.9	92.0	96.7	70.1	59.9
1982								
January .	73.0	52.7	151.9	238.0	91.0	95.7	68.5	63.6
February.	72.1	52.1	149.6	236.9	89.9	93.0	68.8	56.8
March ...	71.9	51.8	150.9	234.3	89.2	91.2	68.7	58.7
April ...	71.6	50.7	150.5	233.2	88.4	90.6	68.4	55.9
May	71.7	50.9	150.6	232.9	87.8	90.0	68.8	58.1

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[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1971	53.8	43.2	111.5	187.4	68.8	82.3	60.6	70.6
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.9	40.0	104.3	162.3	61.6	64.4	48.8	51.1
1981								
May	44.9	40.2	104.4	164.0	62.0	64.9	49.9	53.3
June	45.1	40.6	105.5	166.2	62.4	64.9	50.5	53.3
July	43.5	40.8	103.6	164.4	61.4	64.3	48.8	52.2
August ..	42.9	40.9	103.7	161.9	61.1	63.5	49.6	50.3
September	44.0	40.9	105.3	163.9	62.3	65.9	51.6	52.8
October .	43.3	40.4	104.3	162.4	61.4	64.8	49.0	52.3
November.	41.9	39.4	104.6	159.4	61.1	64.6	47.1	51.7
December.	41.4	38.3	102.8	150.4	60.1	63.4	45.9	43.8
1982								
January .	40.2	37.1	98.7	152.0	59.3	62.4	44.3	47.2
February.	39.4	36.6	96.8	151.4	58.2	59.8	44.8	41.2
March ...	39.3	36.2	98.2	149.0	57.5	58.4	44.8	42.8
April ...	39.2	35.2	97.7	148.2	56.8	57.9	44.7	40.4
May	39.3	35.6	98.1	148.0	56.2	57.7	44.9	42.3
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1971	40.6	38.9	41.0	40.6	39.6	40.6	41.4	41.4
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1981								
May	42.4	40.1	41.4	41.5	39.9	41.7	41.2	40.7
June	42.4	40.4	41.3	42.0	39.9	42.5	41.3	41.4
July	41.9	39.8	40.9	40.6	39.5	41.6	40.4	40.4
August ..	41.7	39.6	40.6	41.1	40.4	41.9	40.3	41.7
September	40.8	40.1	41.2	40.9	40.0	40.8	41.6	41.5
October .	41.2	39.7	40.7	40.7	39.8	41.1	41.1	39.8
November.	41.5	39.8	41.0	40.8	40.3	41.0	40.7	40.4
December.	42.4	40.2	41.1	40.7	40.4	41.1	41.3	39.1
1982								
January .	40.6	38.2	39.8	38.8	39.5	39.5	39.7	39.1
February.	41.6	39.3	39.8	40.2	39.8	40.0	41.0	39.3
March ...	41.2	38.7	39.9	40.1	39.4	39.5	40.9	39.1
April ...	40.8	38.9	40.2	40.1	39.4	39.8	40.3	38.6
May	40.7	39.3	40.5	40.8	39.6	39.9	40.8	39.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1971	$4.36	$4.09	$3.89	$4.15	$3.77	$4.49	$4.26	$4.46
1972	4.68	4.48	4.15	4.50	4.06	4.74	4.67	4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1981								
May	9.50	9.67	8.70	9.60	8.55	9.48	9.76	11.61
June	9.53	9.76	8.69	9.79	8.65	9.67	9.97	11.70
July	9.57	9.73	8.73	9.65	8.59	9.63	9.91	11.65
August ..	9.60	9.78	8.80	9.72	8.71	9.85	9.92	11.79
September	9.64	9.96	8.93	9.79	8.86	9.72	10.13	11.69
October .	9.66	9.98	8.99	9.83	8.96	9.96	10.20	11.58
November.	9.70	10.01	9.08	9.83	9.05	9.88	10.22	11.69
December.	9.71	10.09	9.14	9.71	9.07	9.95	10.46	11.59
1982								
January .	9.73	9.95	9.26	9.82	9.04	9.92	10.58	11.73
February.	9.77	10.05	9.24	9.86	9.05	9.82	10.70	11.70
March ...	9.83	10.01	9.41	9.93	9.12	9.84	10.80	11.69
April ...	9.80	10.08	9.43	9.99	9.18	9.94	10.80	11.59
May	9.79	10.14	9.52	10.11	9.28	10.06	10.85	11.65
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1971	$177.02	$159.10	$159.49	$168.49	$149.29	$182.29	$176.36	$184.64
1972	197.03	181.89	173.89	190.35	164.02	201.45	196.14	201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1981								
May	402.80	387.77	360.18	398.40	341.15	395.32	402.11	472.53
June	404.07	394.30	358.90	411.18	345.14	410.98	411.76	484.38
July	400.98	387.25	357.06	391.79	339.31	400.61	400.36	470.66
August ..	400.32	387.29	357.28	399.49	351.88	412.72	399.78	491.64
September	393.31	399.40	367.92	400.41	354.40	396.58	421.41	485.14
October .	397.99	396.21	365.89	400.08	356.61	409.36	419.22	460.88
November.	402.55	398.40	372.28	401.06	364.72	405.08	415.95	472.28
December.	411.70	405.62	375.65	395.20	366.43	408.95	432.00	453.17
1982								
January .	395.04	380.09	368.55	381.02	357.08	391.84	420.03	458.64
February.	406.43	394.97	367.75	396.37	360.19	392.80	438.70	459.81
March ...	405.00	387.39	375.46	398.19	359.33	388.68	441.72	457.08
April ...	399.84	392.11	379.09	400.60	361.69	395.61	435.24	447.37
May	398.45	398.50	385.56	412.49	367.49	401.39	442.68	460.18

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Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1971	277.5	261.2	16.3	5.9	1971	164.8	152.2	12.6	7.6
1972	282.2	267.4	14.9	5.3	1972	165.6	155.3	10.3	6.2
1973	287.0	274.8	12.2	4.3	1973	171.1	163.1	8.0	4.7
1974	290.3	277.3	13.0	4.5	1974	175.4	167.2	8.1	4.6
1975	291.1	263.5	27.6	9.5	1975	174.2	157.5	16.7	9.6
1976	290.2	265.3	24.9	8.6	1976	173.8	158.0	15.7	9.1
1977	292.9	273.6	19.4	6.6	1977	175.0	162.2	12.8	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	303.9	278.2	25.7	8.5	1980	187.7	170.8	16.8	9.0
1981	301.8	273.2	28.6	9.5	1981	188.1	170.1	18.0	9.6
1981					1981				
April	300.4	278.1	22.3	7.4	April	186.9	172.6	14.3	7.7
May	308.4	283.6	24.8	8.0	May	191.0	175.6	15.3	8.0
June	302.9	277.0	25.9	8.6	June	190.1	173.8	16.3	8.6
July	308.2	278.7	29.4	9.6	July	193.8	175.5	18.3	9.5
August	307.0	276.9	30.1	9.8	August	191.8	174.4	17.4	9.1
September ..	302.6	273.1	29.5	9.7	September ..	189.2	169.1	20.1	10.6
October	302.2	273.7	28.6	9.4	October	187.0	169.5	17.5	9.4
November ...	304.6	272.2	32.4	10.6	November ...	188.8	168.9	19.9	10.5
December ...	302.7	269.0	33.7	11.1	December ...	187.8	166.2	21.6	11.5
1982					1982				
January	298.4	264.2	34.2	11.5	January	187.7	164.1	23.6	12.6
February ...	295.5	260.4	35.1	11.9	February ...	184.6	161.0	23.6	12.8
March	297.2	261.9	35.3	11.9	March	187.3	161.9	25.4	13.6
April[p]	299.6	265.5	34.1	11.4	April[p]	189.4	164.8	24.6	13.0
CINCINNATI[d]					CLEVELAND[e]				
1971	550.0	516.0	34.0	6.2	1971	866.3	811.4	54.9	6.3
1972	561.0	529.0	32.0	5.7	1972	873.4	825.3	48.1	5.5
1973	572.0	543.0	29.0	5.1	1973	883.5	848.7	34.8	3.9
1974	595.3	569.8	25.5	4.3	1974	897.7	860.1	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	894.1	823.7	70.5	7.9
1976	600.6	562.6	38.0	6.3	1976	894.4	831.3	63.1	7.1
1977	619.1	584.6	34.4	5.6	1977	904.7	850.9	53.8	5.9
1978	642.8	610.5	32.3	5.0	1978	921.7	878.5	43.2	4.7
1979	657.9	622.9	35.1	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.0	68.2	7.3
1981	678.6	619.2	59.5	8.8	1981	929.2	850.8	78.4	8.4
1981					1981				
April	679.3	630.5	48.9	7.2	April	927.7	864.5	63.3	6.8
May	688.1	636.6	51.4	7.5	May	942.6	875.3	67.3	7.1
June	684.9	629.9	55.0	8.0	June	942.1	869.6	72.6	7.7
July	691.1	628.1	63.0	9.1	July	960.4	877.8	82.6	8.6
August	683.6	624.4	59.1	8.7	August	947.5	867.9	79.7	8.4
September ..	680.1	616.3	63.8	9.4	September ..	922.4	839.8	82.6	9.0
October	678.9	616.1	62.7	9.2	October	923.6	843.7	79.9	8.7
November ...	684.3	617.1	67.2	9.8	November ...	931.4	844.3	87.1	9.4
December ...	679.4	611.6	67.8	10.0	December ...	921.1	829.1	92.1	10.0
1982					1982				
January	665.4	594.4	71.1	10.7	January	905.6	821.3	84.4	9.3
February ...	657.0	585.6	71.4	10.9	February ...	892.2	809.1	83.0	9.3
March	664.3	591.2	73.0	11.0	March	903.7	811.3	92.5	10.2
April[p]	668.8	600.6	68.2	10.2	April[p]	909.6	820.9	88.7	9.8

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data beginning with 1978 are geared to 1980 Census (beginning with 1980 in Cincinnati area). [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
		COLUMBUS[f]					DAYTON[g]		
1971	445.4	425.5	19.9	4.5	1971	349.3	326.0	23.3	6.7
1972	469.1	450.2	18.9	4.0	1972	353.6	336.3	17.3	4.9
1973	485.3	468.2	17.1	3.5	1973	357.9	343.4	14.5	4.0
1974	494.7	474.7	19.9	4.0	1974	358.9	341.9	17.0	4.7
1975	493.5	457.1	36.4	7.4	1975	356.5	326.7	29.8	8.4
1976	501.7	466.7	35.0	7.0	1976	359.2	335.0	24.1	6.7
1977	511.1	481.2	29.9	5.9	1977	366.6	346.4	20.2	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.3	31.5	5.7	1980	390.2	360.9	29.3	7.5
1981	562.5	518.7	43.8	7.8	1981	389.8	357.4	32.4	8.3
1981					1981				
April	559.4	525.0	34.4	6.1	April	388.2	363.3	24.9	6.4
May	571.5	533.4	38.0	6.7	May	396.4	368.4	27.9	7.1
June	569.3	528.1	41.2	7.2	June	393.2	363.4	29.8	7.6
July	573.9	528.1	45.8	8.0	July	397.4	362.2	35.2	8.9
August	569.2	524.6	44.7	7.8	August	392.7	359.0	33.8	8.6
September	561.3	511.9	49.4	8.8	September	388.9	354.8	34.1	8.8
October	565.5	519.2	46.3	8.2	October	389.7	356.4	33.3	8.5
November	570.6	520.4	50.2	8.8	November	393.8	357.1	36.7	9.3
December	563.4	514.2	49.2	8.7	December	391.4	352.2	39.2	10.0
1982					1982				
January	554.8	506.0	48.8	8.8	January	389.5	349.7	39.8	10.2
February	547.5	498.2	49.4	9.0	February	383.4	341.7	41.7	10.9
March	553.8	502.5	51.4	9.3	March	387.5	342.3	45.2	11.7
April[p]	558.5	507.7	50.8	9.1	April[p]	389.1	345.6	43.5	11.2
		TOLEDO[h]					YOUNGSTOWN-WARREN[i]		
1971	319.3	300.3	19.1	6.0	1971	225.0	207.1	17.9	8.0
1972	329.4	311.3	18.1	5.5	1972	226.9	212.1	14.8	6.5
1973	339.8	324.2	15.6	4.6	1973	232.4	221.7	10.7	4.6
1974	343.8	324.2	19.7	5.7	1974	236.3	223.3	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.0	209.1	26.9	11.4
1976	347.3	318.5	28.8	8.3	1976	233.4	209.8	23.6	10.1
1977	353.9	328.5	25.4	7.2	1977	233.0	214.0	18.9	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	367.7	329.7	38.0	10.3	1980	238.4	210.4	28.0	11.7
1981	366.9	327.3	39.6	10.8	1981	233.1	205.3	27.7	11.9
1981					1981				
April	364.9	333.1	31.8	8.7	April	229.7	208.6	21.1	9.2
May	373.2	339.6	33.6	9.0	May	235.4	214.3	21.1	8.9
June	373.9	339.2	34.7	9.3	June	234.5	212.3	22.1	9.4
July	374.6	334.4	40.3	10.8	July	237.6	212.2	25.3	10.7
August	370.7	330.9	39.9	10.8	August	234.5	207.1	27.4	11.7
September	365.7	324.9	40.8	11.2	September	231.0	205.2	25.8	11.2
October	370.6	329.0	41.6	11.2	October	230.2	204.9	25.3	11.0
November	368.8	326.1	42.6	11.6	November	235.0	205.6	29.4	12.5
December	365.4	319.9	45.5	12.4	December	232.0	195.0	37.1	16.0
1982					1982				
January	361.0	313.4	47.6	13.2	January	232.6	196.1	36.5	15.7
February	355.7	310.0	45.7	12.8	February	232.8	187.2	45.6	19.6
March	360.2	312.1	48.2	13.4	March	231.2	190.0	41.1	17.8
April[p]	361.7	317.1	44.7	12.4	April[p]	236.9	190.7	46.2	19.5

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data beginning with 1978 are geared to 1980 Census. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1971	4,417	4,130	286	6.5	5.9
1972	4,511	4,261	249	5.5	5.6
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,086	4,660	426	8.4	7.1
1981	5,085	4,595	490	9.6	7.6
1981					
May	5,167	4,752	414	8.0	7.1
June	5,144	4,707	437	8.5	7.7
July	5,221	4,726	495	9.5	7.3
August ..	5,163	4,676	487	9.4	7.2
September	5,076	4,566	510	10.0	7.3
October .	5,084	4,580	504	9.9	7.5
November.	5,121	4,560	561	10.9	7.9
December.	5,073	4,473	600	11.8	8.3
1982					
January .	5,032	4,434	598	11.9	9.4
February.	4,967	4,361	606	12.2	9.6
March ...	5,014	4,398	616	12.3	9.5
April ...	5,050	4,444	606	12.0	9.2
May	5,092	4,526	566	11.1	9.1

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1971	3,839.5	1,333.8	2,505.7
1972	3,938.3	1,346.8	2,591.5
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.5	3,102.8
1981	4,323.1	1,232.5	3,090.5
1981			
May	4,356.7	1,247.2	3,109.6
June	4,384.6	1,256.2	3,128.4
July	4,326.0	1,241.7	3,084.4
August ..	4,315.1	1,236.9	3,078.2
September	4,359.0	1,252.9	3,106.1
October .	4,363.4	1,232.0	3,131.4
November.	4,342.7	1,211.9	3,130.8
December.	4,301.4	1,173.8	3,127.6
1982			
January .	4,190.3	1,167.1	3,023.2
February.	4,171.8	1,148.9	3,022.8
March ...	4,192.5	1,147.4	3,045.1
April ...	4,216.6	1,132.2	3,084.4
May	4,248.4	1,132.4	3,116.0

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1971	20.8	155.2	223.8	185.5	597.3	158.6	587.4	577.2
1972	22.7	165.1	222.9	189.6	626.7	163.8	611.7	589.1
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.4	726.6	203.8	830.9	689.9
1981	30.3	154.2	218.4	230.7	715.3	205.2	856.2	680.2
1981								
May	23.1	155.6	217.8	230.4	719.0	204.6	859.3	699.6
June	31.6	161.6	220.0	232.6	720.5	206.4	870.0	685.6
July	32.4	166.7	220.3	232.4	717.0	207.0	864.7	644.0
August ..	32.4	167.2	220.7	231.9	719.5	207.3	864.8	634.3
September	32.6	165.9	221.2	231.6	722.9	206.2	871.1	654.6
October .	31.8	166.2	221.2	231.4	721.6	206.0	870.0	683.2
November.	32.4	161.3	220.5	231.1	728.1	205.6	864.9	686.9
December.	32.2	149.0	220.1	231.2	740.2	206.3	860.2	688.6
1982								
January .	31.8	126.5	213.4	228.4	692.5	204.5	849.7	676.4
February.	31.7	122.7	212.1	227.7	681.4	204.2	858.2	684.8
March ...	31.8	128.4	211.9	228.8	687.3	204.6	866.5	685.9
April ...	32.4	138.7	214.0	229.4	700.0	205.1	882.1	682.7
May	32.8	145.6	214.4	229.6	708.8	205.5	890.5	688.8

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1971	1,333.8	936.1	397.7	958.1	$160.7	39.0
1972	1,346.8	948.8	398.0	977.6	181.0	40.7
1973	1,426.3	1,018.2	408.1	1,045.0	210.4	44.2
1974	1,416.6	1,013.1	403.5	1,026.5	217.0	42.3
1975	1,267.5	892.4	375.1	899.3	201.9	36.2
1976	1,295.3	910.6	384.6	922.0	232.8	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.5	882.6	382.0	867.8	301.9	35.2
1981	1,232.5	858.9	373.6	847.6	330.4	34.7
1981						
May	1,247.2	873.2	373.9	861.9	337.1	35.6
June	1,256.2	879.3	376.9	869.0	345.4	36.0
July	1,241.7	867.2	374.4	854.5	331.7	34.7
August ..	1,236.9	860.2	376.7	851.4	335.3	34.8
September	1,252.9	872.6	380.3	868.0	344.5	35.6
October .	1,232.0	858.2	373.8	848.8	334.0	34.3
November.	1,211.9	841.1	370.8	830.6	331.0	33.8
December.	1,173.8	807.0	366.8	794.3	316.3	32.4
1982						
January .	1,167.1	804.8	362.3	789.1	305.8	31.0
February.	1,148.9	789.3	359.7	773.7	306.2	31.0
March ...	1,147.4	789.7	357.7	773.5	306.2	30.9
April ...	1,132.2	776.2	356.1	759.7	302.2	30.3
May	1,132.4	775.7	356.8	760.3	306.6	30.6

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1971	$167.68	$171.36	$158.77	40.7	40.8	40.4	$4.12	$4.20	$3.93
1972	185.12	190.19	172.60	41.6	41.8	40.9	4.45	4.55	4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1981									
May	391.11	403.65	357.93	41.3	41.4	41.0	9.47	9.75	8.73
June	397.44	411.27	359.98	41.4	41.5	41.0	9.60	9.91	8.78
July	388.14	400.49	357.62	40.6	40.7	40.5	9.56	9.84	8.83
August ..	393.87	406.72	360.45	40.9	41.0	40.5	9.63	9.92	8.90
September	396.88	408.59	365.79	41.0	40.9	41.1	9.68	9.99	8.90
October .	393.50	405.21	364.41	40.4	40.4	40.4	9.74	10.03	9.02
November.	398.45	410.26	367.43	40.7	40.7	40.6	9.79	10.08	9.05
December.	398.21	409.22	372.91	40.8	40.8	40.8	9.76	10.03	9.14
1982									
January .	387.50	395.69	366.83	39.3	39.1	39.7	9.86	10.12	9.24
February.	395.79	405.60	373.30	40.1	40.0	40.4	9.87	10.14	9.24
March ...	395.81	406.36	370.93	39.9	39.8	40.1	9.92	10.21	9.25
April ...	397.80	407.55	374.00	39.9	39.8	40.0	9.97	10.24	9.35
May	403.21	415.27	376.40	40.2	40.2	40.3	10.03	10.33	9.34

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1971	68.7	158.5	160.0	200.0	127.4	155.2	80.4	68.2	99.3
1972	70.3	158.9	162.7	205.1	126.9	155.0	78.2	66.8	102.2
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.9	67.4	92.7
1981	61.2	137.9	154.6	203.5	102.0	136.5	70.5	66.3	89.0
1981									
May	61.9	140.8	157.3	206.1	102.2	141.5	69.3	66.0	90.4
June	62.8	141.4	158.6	206.7	103.3	142.3	70.5	66.1	90.7
July	61.9	139.3	156.2	204.7	103.0	137.8	70.1	66.3	89.3
August ..	62.7	139.7	153.9	202.2	103.3	133.8	72.5	66.4	89.0
September	62.4	140.8	156.8	204.5	103.9	139.0	74.7	66.6	39.8
October .	60.9	137.3	155.0	202.3	102.0	136.6	71.2	66.7	88.7
November.	60.4	134.3	152.9	198.8	100.1	132.4	69.9	66.2	87.5
December.	58.2	125.0	148.3	196.6	97.8	119.5	70.0	66.0	84.8
1982									
January .	55.4	126.0	143.3	193.2	97.9	129.8	68.3	65.6	84.0
February.	55.3	123.5	141.1	191.0	97.4	121.3	68.2	65.8	82.1
March ...	54.5	122.6	140.3	189.0	96.9	126.9	68.0	65.2	81.6
April ...	54.0	117.8	139.5	185.9	95.9	123.3	67.5	64.8	81.2
May	54.4	116.6	138.5	183.9	95.4	126.8	67.8	64.1	82.1
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1971	$162.96	$177.36	$173.40	$169.33	$159.20	$198.55	$163.49	$173.82	$162.80
1972	175.14	204.61	187.87	193.46	164.42	219.99	173.43	187.21	180.48
1973	189.03	228.72	204.67	208.80	176.23	241.01	188.94	203.06	193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1981									
May	345.24	488.04	395.38	386.88	348.35	469.42	364.50	344.42	366.80
June	348.02	496.69	400.46	393.12	350.33	492.20	357.62	348.91	375.84
July	349.57	486.38	385.92	388.40	346.73	469.06	360.91	346.94	363.69
August ..	353.42	485.48	388.24	393.18	354.24	498.38	361.84	351.16	372.69
September	360.14	504.00	385.60	391.96	354.08	485.41	378.88	364.03	359.96
October .	356.65	475.61	392.18	394.54	356.49	485.81	368.33	356.45	377.51
November.	361.97	488.03	391.78	402.26	357.86	481.31	378.84	363.65	376.58
December.	359.31	476.80	398.05	403.38	361.34	480.24	379.61	368.16	386.75
1982									
January .	354.09	465.17	369.95	385.66	353.70	464.07	367.54	360.43	369.03
February.	361.00	479.97	387.89	391.55	365.82	476.49	376.28	365.00	382.94
March ...	371.18	466.29	393.03	390.98	361.43	485.44	377.29	357.00	376.25
April ...	368.15	473.14	397.79	387.68	364.05	493.07	380.42	352.08	376.14
May	372.71	480.77	399.38	387.68	367.88	521.73	386.46	355.10	379.49

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MAY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1982[b]	April 1982[c]	May 1981[c]	April 1982	May 1981
TOTAL	4248.4	4216.6	4356.7	.8	- 2.5
MANUFACTURING	1132.4	1132.2	1247.2	.0	- 9.2
Durable Goods[e]	775.7	776.2	873.2	- .1	- 11.2
Lumber and wood products	13.2	12.9	14.1	1.8	- 6.6
Furniture and fixtures	13.4	13.6	15.1	- 1.6	- 10.9
Household furniture	6.2	6.3	7.3	- 1.4	- 14.1
Stone, clay, and glass products	54.4	54.0	61.9	.8	- 12.1
Glass and glassware, pressed or blown	13.2	13.4	15.1	- 1.9	- 12.7
Structural clay products	4.3	4.3	6.0	- 1.4	- 28.8
Pottery and related products	6.0	5.7	6.8	4.8	- 11.6
Primary metal industries	116.6	117.8	140.8	- 1.0	- 17.2
Blast furnace and basic steel products	60.6	60.7	73.4	- .2	- 17.4
Iron and steel foundries	23.2	24.2	29.1	- 3.9	- 20.1
Nonferrous rolling and drawing	18.0	17.6	20.5	1.8	- 12.4
Nonferrous foundries	8.5	8.7	10.1	- 1.0	- 15.6
Fabricated metal products	138.5	139.5	157.3	- .7	- 11.9
Cutlery, hand tools, and hardware	11.1	11.3	13.5	- 1.7	- 17.3
Plumbing and heating, except electric.	4.5	4.2	5.3	6.6	- 15.1
Fabricated structural metal products	32.9	33.1	36.3	- .5	- 9.4
Screw machine products, bolts, etc.	9.3	9.7	10.5	- 3.6	- 11.0
Metal forgings and stampings	38.8	39.0	46.4	- .7	- 16.5
Machinery, except electrical	183.9	185.9	206.1	- 1.1	- 10.8
Construction and related machinery	22.4	22.5	26.0	- .5	- 13.9
Metalworking machinery	49.2	50.0	55.7	- 1.6	- 11.7
Special industry machinery	20.0	20.0	21.5	.3	- 6.9
General industrial machinery	35.2	35.9	39.6	- 2.0	- 11.0
Electric and electronic equipment	95.4	95.9	102.2	- .5	- 6.7
Electrical industrial apparatus	21.2	21.5	24.2	- 1.2	- 12.1
Household appliances	15.5	15.3	17.7	1.3	- 12.4
Electric lighting and wiring equipment	19.4	19.6	20.1	- .7	- 3.2
Communication equipment	12.0	12.0	11.4	.3	5.2
Transportation equipment	126.8	123.3	141.5	2.8	- 10.4
Motor vehicles and equipment	82.3	78.0	95.6	5.4	- 13.9
Aircraft and parts	36.8	36.6	36.7	.4	.1
Instruments and related products	20.4	20.1	21.3	1.3	- 4.0
Measuring and controlling devices	12.1	12.0	13.2	.9	- 8.5
Nondurable Goods[f]	356.8	356.1	373.9	.2	- 4.6
Food and kindred products	67.8	67.5	69.3	.3	- 2.3
Meat products	11.2	11.1	11.8	1.2	- 5.2
Dairy products	11.3	11.2	11.9	.6	- 5.0
Bakery products	11.3	11.2	11.5	.7	- 2.2
Beverages	10.4	10.8	10.6	- 3.5	- 1.4
Textile mill products	4.6	4.5	4.9	1.5	- 6.7
Apparel and other textile products	16.7	16.7	17.0	- .1	- 1.9
Paper and allied products	35.6	35.7	38.2	- .4	- 6.9
Paper mills, except building paper	8.9	8.9	9.9	- .5	- 10.7
Misc. converted paper products	11.4	11.6	11.7	- 1.7	- 2.8
Paperboard containers and boxes	11.9	12.0	13.0	- 1.0	- 8.3
Printing and publishing	64.1	64.8	66.0	- 1.0	- 2.8
Newspapers	19.3	19.4	19.3	- .3	.2
Commercial printing	23.5	24.1	25.4	- 2.1	- 7.4
Chemicals and allied products	67.0	67.0	68.1	.0	- 1.6
Industrial inorganic chemicals	12.9	12.8	13.0	.5	- 1.2
Plastics materials and synthetics	9.3	9.4	9.8	- 1.6	- 5.0
Petroleum and coal products	13.4	13.2	14.4	1.2	- 7.0
Rubber and misc. plastics products	82.1	81.2	90.4	1.2	- 9.2
Tires and inner tubes	22.7	22.8	25.0	- .6	- 9.3
Miscellaneous plastics products	40.1	39.1	45.0	2.6	- 10.8
Leather and leather products	5.4	5.3	5.4	1.7	- .9

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
MAY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1982[b]	April 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$403.21	$397.80	$391.11	40.2	39.9	41.3	$10.03	$ 9.97	$ 9.47
Durable Goods[d]	415.27	407.55	403.65	40.2	39.8	41.4	10.33	10.24	9.75
Lumber and wood products	282.36	272.52	260.65	39.0	38.6	40.1	7.24	7.06	6.50
Furniture and fixtures	289.81	288.64	271.74	38.9	38.9	38.6	7.45	7.42	7.04
Household furniture	252.41	253.16	238.85	37.9	38.3	38.4	6.66	6.61	6.22
Stone, clay, and glass products	372.71	368.15	345.24	40.6	10.5	41.1	9.18	9.09	8.40
Glass and glassware, pressed or blown.	365.19	362.90	362.56	38.2	38.2	40.6	9.56	9.50	8.93
Structural clay products	295.90	297.09	276.08	41.5	42.2	40.9	7.13	7.04	6.75
Pottery and related products	296.43	296.00	273.29	38.2	37.9	38.6	7.76	7.81	7.08
Primary metal industries	480.77	473.14	488.04	39.7	39.2	42.0	12.11	12.07	11.62
Blast furnace and basic steel products	503.42	503.81	538.05	38.4	38.4	42.2	13.11	13.12	12.75
Iron and steel foundries	479.45	454.72	421.68	41.8	40.6	40.9	11.47	11.20	10.31
Nonferrous rolling and drawing	468.85	472.33	490.47	39.3	39.1	42.1	11.93	12.08	11.65
Nonferrous foundries	352.77	336.76	337.84	41.6	39.9	41.1	8.48	8.44	8.22
Fabricated metal products	399.38	397.79	395.38	39.7	39.7	41.1	10.06	10.02	9.62
Cutlery, hand tools, and hardware	386.93	383.68	398.43	38.5	38.6	39.1	10.05	9.94	10.19
Plumbing and heating, except electric.	334.02	338.43	310.90	37.7	38.9	38.1	8.86	8.70	8.16
Fabricated structural metal products .	356.18	350.10	338.24	38.8	38.6	39.7	9.18	9.07	8.52
Screw machine products, bolts, etc. ..	345.54	335.34	362.50	39.4	38.5	41.1	8.77	8.71	8.82
Metal forgings and stampings	484.98	482.30	493.02	41.1	40.7	43.4	11.80	11.85	11.36
Machinery, except electrical	387.68	387.68	386.88	39.6	39.6	41.6	9.79	9.79	9.30
Construction and related machinery ...	396.36	394.00	393.71	39.4	39.4	41.4	10.06	10.00	9.51
Metalworking machinery	377.13	379.47	379.13	39.0	39.0	41.3	9.67	9.73	9.18
Special industry machinery	369.65	368.34	362.95	40.8	40.3	42.5	9.06	9.14	8.54
General industrial machinery	392.17	382.91	379.35	39.1	38.6	40.1	10.03	9.92	9.46
Electric and electronic equipment	367.88	364.05	348.35	39.9	39.7	40.6	9.22	9.17	8.58
Electrical industrial apparatus	344.70	349.95	368.94	38.3	39.1	42.8	9.00	8.95	8.62
Household appliances	365.66	366.21	341.64	38.9	39.0	39.0	9.40	9.39	8.76
Electric lighting and wiring equipment	377.04	363.12	316.81	41.8	40.8	39.9	9.02	8.90	7.94
Communication equipment	393.00	393.35	373.03	39.3	39.1	39.6	10.00	10.06	9.42
Transportation equipment	521.73	493.07	469.42	42.8	41.4	42.1	12.19	11.91	11.15
Motor vehicles and equipment	553.76	515.02	494.16	43.5	41.4	42.6	12.73	12.44	11.60
Aircraft and parts	435.11	435.90	401.71	40.4	40.7	40.7	10.77	10.71	9.87
Instruments and related products	276.71	278.74	265.43	38.7	38.5	40.4	7.15	7.24	6.57
Measuring and controlling devices	281.64	279.55	270.68	38.9	38.4	41.2	7.24	7.28	6.57
Nondurable Goods[e]	376.40	374.00	357.93	40.3	40.0	41.0	9.34	9.35	8.73
Food and kindred products	386.46	380.42	364.50	41.2	40.6	41.8	9.38	9.37	8.72
Meat products	435.50	410.04	406.19	42.2	40.2	42.4	10.32	10.20	9.58
Dairy products	381.50	376.66	344.54	43.6	42.9	42.8	8.75	8.78	8.05
Bakery products	380.66	358.90	345.22	40.8	38.8	41.0	9.33	9.25	8.42
Beverages	320.89	343.78	320.40	37.4	39.2	39.9	8.58	8.77	8.03
Textile mill products	271.88	277.30	267.65	40.1	40.6	40.8	6.78	6.83	6.56
Apparel and other textile products	212.80	213.53	205.91	36.5	36.5	37.1	5.83	5.85	5.55
Paper and allied products	382.97	391.78	363.15	42.6	43.1	43.7	8.99	9.09	8.31
Paper mills, except building paper ...	482.67	532.84	457.29	46.1	49.2	48.7	10.47	10.83	9.39
Misc. converted paper products	334.11	334.53	316.06	40.4	40.5	41.1	8.27	8.26	7.69
Paperboard containers and boxes	348.19	339.42	330.00	41.6	40.6	42.2	8.37	8.36	7.82
Printing and publishing	355.10	352.08	344.42	37.3	37.1	38.1	9.52	9.49	9.04
Newspapers	330.89	328.58	322.32	32.6	32.5	34.0	10.15	10.11	9.48
Commercial printing	365.00	362.33	359.58	38.3	38.1	39.0	9.53	9.51	9.22
Chemicals and allied products	413.09	406.22	391.46	40.9	40.3	41.6	10.10	10.08	9.41
Industrial inorganic chemicals	435.08	432.14	417.99	40.7	41.0	41.1	10.69	10.54	10.17
Plastics materials and synthetics	441.95	442.23	426.51	42.7	42.4	43.3	10.35	10.43	9.85
Petroleum and coal products	613.82	598.31	519.26	45.3	43.8	43.2	13.55	13.66	12.02
Rubber and misc. plastics products	379.49	376.14	366.80	40.5	40.1	41.4	9.37	9.38	8.86
Tires and inner tubes	517.79	527.85	494.34	42.2	42.5	42.8	12.27	12.42	11.55
Miscellaneous plastics products	352.44	339.68	352.15	39.6	38.6	40.9	8.90	8.80	8.61
Leather and leather products	190.25	192.31	184.18	36.1	36.7	36.4	5.27	5.24	5.06

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MAY 1982 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1982[b]	April 1982[c]	May 1981[c]	April 1982	May 1981
NONMANUFACTURING	3116.0	3084.4	3109.6	1.0	.2
MINING	32.8	32.4	23.1	1.2	41.9
Bituminous coal and lignite mining	14.2	14.2	5.8[h]	.2	144.0
CONSTRUCTION	145.6	138.7	155.6	5.0	- 6.4
General building contractors	34.5	33.4	37.2	3.4	- 7.3
Heavy construction contractors	24.4	21.5	25.4	13.6	- 4.2
TRANSPORTATION AND PUBLIC UTILITIES	214.4	214.0	217.0	.2	- 1.6
Railroad transportation	24.0	23.8	25.8	.7	- 7.1
Transportation, except railroads	94.6	94.5	96.6	.1	- 2.1
Trucking and warehousing	70.5	70.8	72.8	- .4	- 3.1
Communication, electric, gas services	95.8	95.7	95.4	.1	.5
Communication	54.8	54.7	54.9	.1	- .2
Electric, gas, and sanitary services	41.1	41.0	40.5	.2	1.4
WHOLESALE TRADE	229.6	229.4	230.4	.1	- .4
Wholesale trade-durable goods	147.9	147.9	148.9	.0	- .7
Motor vehicles & automotive equipment	20.5	20.5	21.2	- .2	- 3.3
Electrical goods	19.4	19.3	19.5	.2	- .7
Machinery, equipment, and supplies	62.0	62.1	61.9	- .2	.2
Wholesale trade-nondurable goods	81.7	81.5	81.6	.2	.2
Groceries and related products	24.0	24.0	23.7	.3	1.4
RETAIL TRADE	708.8	700.0	719.0	1.2	- 1.4
General merchandise stores	109.4	109.0	117.4	.4	- 6.8
Department stores	99.7	99.3	106.9	.4	- 6.8
Food stores	116.1	115.5	116.8	.5	- .6
Automotive dealers & service stations	70.7	70.6	74.3	.1	- 4.9
Apparel and accessory stores	34.4	34.4	34.4	.2	.1
FINANCE, INSURANCE, AND REAL ESTATE	205.5	205.1	204.6	.2	.5
Banking	59.0	58.8	59.1	.2	- .3
Credit agencies other than banks	30.5	30.5	30.7	.1	- .5
Insurance carriers	58.7	58.9	58.4	- .3	.5
SERVICES	890.5	882.1	859.3	1.0	3.6
Hotels and other lodging places	32.9	31.3	32.0	5.1	2.8
Laundry, cleaning, & garment services	17.4	17.1	17.8	1.7	- 2.5
Business services	130.2	129.5	125.2	.6	4.0
Health services	310.7	309.2	293.5	.5	5.8
Hospitals	171.6	171.1	163.0	.3	5.3
GOVERNMENT	688.8	682.7	699.6	.9	- 1.6
Federal government	88.3	88.2	89.6	.2	- 1.4
State government	148.6	146.5	147.5	1.4	.8
State government, except education	71.3	71.1	71.4	.4	- .1
State government education[i]	77.2	75.5	76.0	2.3	1.6
Local government	451.9	447.9	462.6	.9	- 2.3
Local government, except education	186.3	184.7	191.1	.9	- 2.5
Local government education	265.6	263.3	271.5	.9	- 2.2

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
MAY 1982 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1982^b	April 1982^c	May 1981^c	May 1982^b	Apr. 1982^c	May 1981^c	May 1982^b	Apr. 1982^c	May 1981^c
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$437.68	$431.71	$368.19	42.7	42.2	44.2	$10.25	$10.23	$ 8.33
Bituminous coal and lignite mining	520.36	509.64	465.85	42.1	41.2	40.9	12.36	12.37	11.39
CONSTRUCTION	550.94	524.59	486.91	38.5	37.1	36.5	14.31	14.14	13.34
General building contractors	494.17	461.62	436.80	37.1	35.4	35.0	13.32	13.04	12.48
Heavy construction contractors	608.52	588.89	480.07	42.2	41.5	36.9	14.42	14.19	13.01
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	454.96	442.36	450.76	37.2	36.2	38.2	12.23	12.22	11.80
Communication, electric, gas services	413.43	416.12	383.52	40.1	40.4	40.8	10.31	10.30	9.40
Communication	399.12	399.74	367.88	39.4	39.5	39.9	10.13	10.12	9.22
Electric, gas, and sanitary services	433.61	437.69	403.08	41.1	41.6	41.9	10.55	10.52	9.62
WHOLESALE TRADE	307.67	303.74	293.67	38.7	38.4	39.0	7.95	7.91	7.53
Wholesale trade–durable goods	298.76	297.99	291.51	38.6	38.6	39.5	7.74	7.72	7.38
Motor vehicles & automotive equipment	246.09	249.75	274.56	37.4	37.5	39.0	6.58	6.66	7.04
Electrical goods	253.88	253.64	241.70	37.5	37.3	37.3	6.77	6.80	6.48
Machinery, equipment, and supplies	328.10	327.02	304.90	39.2	39.4	39.7	8.37	8.30	7.68
Wholesale trade–nondurable goods	324.04	314.33	296.02	38.9	38.1	38.0	8.33	8.25	7.79
Groceries and related products	358.75	337.33	334.15	41.0	39.5	40.9	8.75	8.54	8.17
RETAIL TRADE[f]	152.48	149.29	148.47	29.1	28.6	29.4	5.24	5.22	5.05
General merchandise stores	154.74	149.18	149.50	29.7	28.8	29.9	5.21	5.18	5.00
Department stores	157.64	151.20	151.20	29.8	28.8	30.0	5.29	5.25	5.04
Food stores	223.10	218.99	228.25	30.9	30.5	32.7	7.22	7.18	6.98
Automotive dealers & service stations	198.28	197.74	198.68	37.2	37.1	37.7	5.33	5.33	5.27
Apparel and accessory stores	113.01	112.41	109.59	27.1	26.7	26.6	4.17	4.21	4.12
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	198.27	197.75	183.55	....	....	....	....	....	....
Credit agencies other than banks	200.35	200.47	188.05	....	....	....	....	....	....
Insurance carriers	271.12	269.49	249.51	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	256.85	256.95	233.18	33.4	33.5	33.6	7.69	7.67	6.94
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
MAY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1982[b]	April 1982[c]	May 1981[c]	April 1982	May 1981
TOTAL	257.8	255.1	262.7	1.1	-1.9
MANUFACTURING	71.7	71.6	76.6	.1	-6.4
Durable Goods[e]	35.9	35.7	38.0	.5	-5.5
Stone, clay, and glass products	1.7	1.7	1.9	3.2	-6.3
Fabricated metal products	13.5	13.5	14.6	.5	-7.6
Machinery, except electrical	10.1	9.9	10.7	2.0	-6.1
Special industry machinery	1.9	1.9	2.1	.1	-7.5
Nondurable Goods[f]	35.8	35.9	38.6	-.3	-7.4
Food and kindred products	2.9	2.9	3.0	.2	-4.6
Chemicals and allied products	3.6	3.6	3.7	.4	-2.9
Rubber and misc. plastics products	24.2	24.4	26.8	-.5	-9.6
Tires and inner tubes	18.5	18.6	20.7	-.7	-10.8
NONMANUFACTURING[g]	186.2	183.5	186.1	1.4	.0
CONSTRUCTION	7.1	6.6	7.6	8.3	-6.0
TRANSPORTATION AND PUBLIC UTILITIES	13.5	13.7	14.0	-1.7	-3.4
Communication, electric, gas services	5.5	5.5	5.4	.2	1.3
WHOLESALE TRADE	12.2	12.2	12.1	.1	1.5
RETAIL TRADE	45.5	44.9	45.8	1.3	-.7
FINANCE, INSURANCE, AND REAL ESTATE	9.2	9.1	9.2	.6	-.5
SERVICES	53.5	52.5	52.0	1.8	2.8
GOVERNMENT	44.6	43.8	44.8	1.7	-.6
State government (includes education)	14.9	14.5	14.2	3.0	4.8
Local government (includes education)	27.6	27.3	28.5	1.2	-3.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
MAY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1982[b]	April 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$398.45	$399.84	$402.80	40.7	40.8	42.4	$ 9.79	$ 9.80	$ 9.50
Durable Goods[d]	391.82	388.54	394.12	40.9	40.6	42.7	9.58	9.57	9.23
Stone, clay, and glass products	376.62	389.16	350.69	41.8	42.3	41.6	9.01	9.20	8.43
Fabricated metal products	387.47	380.05	404.77	39.7	39.1	41.6	9.76	9.72	9.73
Machinery, except electrical	398.69	394.90	403.17	42.1	42.1	44.5	9.47	9.38	9.06
Special industry machinery	340.96	342.47	346.94	39.6	39.5	41.7	8.61	8.67	8.32
Nondurable Goods[e]	409.25	414.51	413.28	40.6	41.0	42.0	10.08	10.11	9.84
Food and kindred products	424.91	413.60	383.04	44.4	43.4	45.6	9.57	9.53	8.40
Chemicals and allied products	405.37	422.69	443.21	40.7	41.4	44.1	9.96	10.21	10.05
Rubber and misc. plastics products	434.89	441.21	433.50	41.3	41.9	42.5	10.53	10.53	10.20
Tires and inner tubes	544.40	549.96	517.20	42.9	43.1	43.1	12.69	12.76	12.00
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	537.70	482.67	509.52	38.0	34.9	38.6	14.15	13.83	13.20
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	408.58	410.44	373.58	39.9	40.2	40.3	10.24	10.21	9.27
WHOLESALE TRADE	282.94	284.59	283.81	38.6	39.2	39.2	7.33	7.26	7.24
RETAIL TRADE[f]	169.56	165.55	164.83	29.8	29.3	30.3	5.69	5.65	5.44
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
MAY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1982[b]	April 1982[c]	May 1981[c]	April 1982	May 1981
TOTAL	154.6	153.2	158.1	.9	- 2.3
MANUFACTURING	50.9	50.7	55.4	.4	- 8.2
Durable Goods[e]	39.1	39.1	43.3	- .2	- 9.9
Store, clay, and glass products	1.9	1.9	2.1	- 2.5	- 10.7
Primary metal industries	11.4	11.4	14.5	.0	- 21.3
Fabricated metal products	9.3	9.3	10.1	.0	- 8.1
Fabricated structural metal products	3.3	3.3	3.4	- .2	- 4.5
Metal forgings and stampings	2.5	2.5	3.1	.9	- 20.3
Nondurable Goods[f]	11.8	11.5	12.1	2.7	- 2.1
Food and kindred products	4.1	4.0	4.3	2.5	- 3.7
Rubber and misc. plastics products	3.1	2.9	3.1	5.4	- .9
NONMANUFACTURING[g]	103.7	102.5	102.7	1.1	.9
CONSTRUCTION	5.2	4.8	5.0	8.0	3.0
TRANSPORTATION AND PUBLIC UTILITIES	7.0	7.0	6.9	- .3	1.5
Communication, electric, gas services	3.0	3.0	3.0	- .3	2.0
WHOLESALE TRADE	7.3	7.3	7.4	.5	- 1.1
RETAIL TRADE	26.1	25.8	26.2	1.2	- .2
FINANCE, INSURANCE, AND REAL ESTATE	6.5	6.4	6.3	1.3	2.8
SERVICES	30.8	30.5	30.2	.9	1.9
GOVERNMENT	19.4	19.3	19.4	.2	- .2
Local government (includes education)	16.3	16.2	16.2	.3	.3

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
MAY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1982[b]	April 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$398.50	$392.11	$387.77	39.3	38.9	40.1	$10.14	$10.08	$ 9.67
Durable Goods[d]	407.03	400.42	395.01	39.1	38.8	39.9	10.41	10.32	9.90
Stone, clay, and glass products	265.95	265.20	258.75	39.4	40.0	41.6	6.75	6.63	6.22
Primary metal industries	457.88	451.24	472.72	37.5	37.2	40.3	12.21	12.13	11.73
Fabricated metal products	430.80	423.47	402.80	40.0	39.8	40.0	10.77	10.64	10.07
Fabricated structural metal products .	389.05	386.68	339.96	39.1	39.7	37.9	9.95	9.74	8.97
Metal forgings and stampings	522.50	505.47	488.80	41.6	40.6	41.6	12.56	12.45	11.75
Nondurable Goods[e]	365.88	361.94	354.09	39.9	39.6	40.7	9.17	9.14	8.70
Food and kindred products	411.34	406.36	396.32	38.3	38.3	40.4	10.74	10.61	9.81
Rubber and misc. plastics products	384.60	384.99	372.10	45.3	45.4	45.6	8.49	8.48	8.16
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	516.24	493.48	448.56	35.9	35.4	35.6	14.38	13.94	12.60
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	420.84	418.99	385.11	40.7	40.6	41.1	10.34	10.32	9.37
WHOLESALE TRADE	281.25	289.18	271.22	37.5	37.9	38.2	7.50	7.63	7.10
RETAIL TRADE[f]	147.75	146.08	140.84	29.2	28.7	29.1	5.06	5.09	4.84
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education) ..	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
MAY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1982[b]	April 1982[c]	May 1981[c]	April 1982	May 1981
TOTAL	589.3	585.4	599.1	.7	- 1.6
MANUFACTURING	150.6	150.5	158.6	.1	- 5.0
Durable Goods[e]	83.7	83.0	89.0	.9	- 5.9
Furniture and fixtures	2.2	2.2	2.5	- 3.4	- 14.4
Primary metal industries	2.3	2.4	2.6	- 1.3	- 8.5
Fabricated metal products	12.7	12.9	14.7	- 1.2	- 13.3
Fabricated structural metal products	4.1	4.2	4.8	- 2.3	- 14.3
Machinery, except electrical	23.9	24.2	25.8	- 1.1	- 7.3
Metalworking machinery	12.4	12.5	13.5	- .7	- 8.6
General industrial machinery	3.4	3.5	3.9	- 3.2	- 12.4
Electric and electronic equipment	8.3	8.2	8.7	.6	- 5.2
Transportation equipment	23.5	22.4	24.7	5.2	- 4.6
Motor vehicles and equipment	9.0	7.8	8.6	14.9	4.6
Nondurable Goods[f]	66.9	67.5	69.6	- .9	- 3.9
Food and kindred products	15.8	16.2	16.3	- 2.2	- 2.9
Meat products	2.3	2.4	2.6	- 2.8	- 9.9
Bakery products	2.4	2.5	2.4	- 2.9	.5
Beverages	4.5	4.8	4.5	- 6.5	- 1.8
Apparel and other textile products	3.8	3.9	3.8	- 3.4	- .1
Paper and allied products	6.1	6.1	6.5	- .1	- 5.6
Printing and publishing	11.6	11.6	12.0	- .2	- 3.0
Chemicals and allied products	22.0	22.1	22.1	- .2	- .3
Rubber and misc. plastics products	3.9	3.9	4.5	- .5	- 12.7
NONMANUFACTURING[g]	438.7	434.9	440.5	.9	- .4
CONSTRUCTION	21.2	20.5	22.6	3.6	- 6.3
TRANSPORTATION AND PUBLIC UTILITIES	32.8	32.7	33.3	.1	- 1.7
Communication, electric, gas services	14.3	14.3	14.2	.2	.9
WHOLESALE TRADE	37.7	37.6	37.9	.2	- .5
RETAIL TRADE	100.8	100.0	102.5	.7	- 1.7
FINANCE, INSURANCE, AND REAL ESTATE	32.1	32.0	32.5	.4	- 1.3
Banking	7.4	7.4	7.4	.4	- .4
Insurance carriers	11.2	11.2	11.3	.0	- .6
SERVICES	128.6	127.0	125.9	1.3	2.2
GOVERNMENT	85.1	84.7	85.4	.5	- .4
Federal government	13.3	13.6	13.5	- 2.2	- 1.7
State government (includes education)	18.9	18.8	18.9	.9	.4
Local government	52.9	52.4	53.1	1.0	- .3
Local government, except education	22.2	21.9	22.4	1.6	- .7
Local government education	30.7	30.5	30.7	.6	.0

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
MAY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1982[b]	April 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$385.56	$379.09	$360.18	40.5	40.2	41.4	$ 9.52	$ 9.43	$ 8.70
Durable Goods[d]	375.72	362.98	348.53	40.4	39.8	41.1	9.30	9.12	8.48
Furniture and fixtures	255.23	246.33	240.67	35.4	34.5	36.8	7.21	7.14	6.54
Primary metal industries	348.84	328.06	387.93	36.0	34.9	40.2	9.69	9.40	9.65
Fabricated metal products	355.60	362.23	340.31	40.0	40.7	41.4	8.89	8.90	8.22
Fabricated structural metal products	318.39	314.02	315.79	39.7	39.4	43.2	8.02	7.97	7.31
Machinery, except electrical	334.84	329.02	336.98	39.3	38.8	41.5	8.52	8.48	8.12
Metalworking machinery	353.89	346.13	366.66	38.3	37.5	42.0	9.24	9.23	8.73
General industrial machinery	352.56	340.96	315.17	40.9	39.6	40.2	8.62	8.61	7.84
Electric and electronic equipment	291.21	285.57	252.85	39.3	38.8	38.9	7.41	7.36	6.50
Transportation equipment	517.75	495.97	456.79	42.3	41.4	42.1	12.24	11.98	10.85
Motor vehicles and equipment	601.37	565.94	532.29	43.8	41.4	44.1	13.73	13.67	12.07
Nondurable Goods[e]	397.07	396.26	372.74	40.6	40.6	41.6	9.78	9.76	8.96
Food and kindred products	461.16	460.82	426.97	42.0	42.2	42.4	10.98	10.92	10.07
Meat products	470.98	477.83	461.91	42.7	43.4	43.7	11.03	11.01	10.57
Bakery products	406.66	379.08	371.52	43.4	40.5	43.1	9.37	9.36	8.62
Beverages	404.15	414.67	350.74	40.7	42.4	38.5	9.93	9.78	9.11
Apparel and other textile products	229.74	224.85	222.22	38.1	37.6	39.4	6.03	5.98	5.64
Paper and allied products	351.94	353.20	317.75	41.6	41.7	41.7	8.46	8.47	7.62
Printing and publishing	375.17	370.92	341.38	38.4	38.2	38.1	9.77	9.71	8.96
Chemicals and allied products	433.70	434.11	427.98	40.8	40.8	43.1	10.63	10.64	9.93
Rubber and misc. plastics products	316.06	310.64	327.89	41.1	40.5	43.2	7.69	7.67	7.59
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	569.46	576.05	483.23	39.3	39.7	37.2	14.49	14.51	12.99
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	392.03	388.61	364.06	38.7	38.9	39.4	10.13	9.99	9.24
WHOLESALE TRADE	310.45	308.83	293.25	39.1	38.7	39.1	7.94	7.98	7.50
RETAIL TRADE[f]	150.45	148.70	149.10	29.5	29.1	30.0	5.10	5.11	4.97
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	198.40	195.52	186.51	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
MAY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1982[b]	April 1982[c]	May 1981[c]	April 1982	May 1981
TOTAL	864.8	860.8	885.3	.5	-2.3
MANUFACTURING	232.9	233.2	248.0	-.1	-6.1
Durable Goods[e]	166.2	166.8	181.0	-.4	-8.2
Furniture and fixtures	2.1	2.2	2.3	-1.0	-7.6
Primary metal industries	26.5	26.6	29.5	-.3	-10.1
Blast furnace and basic steel products	13.8	13.8	15.7	.3	-11.9
Iron and steel foundries	6.3	6.2	6.8	1.1	-7.7
Nonferrous foundries	2.9	2.9	2.8	-.8	2.2
Fabricated metal products	36.6	36.6	39.5	.0	-7.2
Fabricated structural metal products	4.2	4.2	4.5	.7	-7.3
Screw machine products, bolts, etc.	5.6	5.7	5.8	-1.6	-3.9
Metal forgings and stampings	13.0	12.9	14.0	1.4	-6.7
Machinery, except electrical	40.5	40.8	46.0	-.8	-12.0
Construction and related machinery	6.2	6.5	8.1	-4.0	-23.7
Metalworking machinery	14.5	14.6	16.5	-.6	-12.3
Special industry machinery	4.3	4.3	4.6	-.1	-6.3
General industrial machinery	3.3	3.4	3.8	-1.6	-12.5
Electric and electronic equipment	24.5	24.8	24.4	-1.2	.3
Electrical industrial apparatus	8.3	8.4	9.1	-1.5	-8.3
Transportation equipment	20.9	20.7	23.6	1.2	-11.5
Motor vehicles and equipment	13.9	13.6	16.2	2.3	-14.0
Instruments and related products	6.5	6.5	6.6	-.3	-1.7
Nondurable Goods[f]	66.7	66.4	66.9	.5	-.3
Food and kindred products	8.1	8.1	8.4	.4	-3.5
Bakery products	1.8	1.8	1.9	.4	-2.7
Beverages	1.5	1.6	1.6	-.1	-4.3
Apparel and other textile products	5.4	5.3	5.6	1.0	-3.2
Paper and allied products	5.0	5.0	5.0	-.7	-1.3
Printing and publishing	15.5	15.6	15.1	-.5	2.8
Chemicals and allied products	15.6	15.5	16.0	.8	-2.6
Industrial inorganic chemicals	4.1	4.0	4.2	1.8	-3.1
Rubber and misc. plastics products	10.8	10.6	10.8	1.7	-.4
NONMANUFACTURING[g]	631.8	627.6	637.3	.7	-.9
CONSTRUCTION	25.9[h]	25.5	27.8	1.6	-6.9
TRANSPORTATION AND PUBLIC UTILITIES	44.5	44.3	45.1	.6	-1.2
Communication, electric, gas services	20.0	19.9	19.7	.3	1.8
WHOLESALE TRADE	61.1	61.1	62.4	.0	-2.0
RETAIL TRADE	135.6	133.9	138.1	1.2	-1.8
FINANCE, INSURANCE, AND REAL ESTATE	47.7	47.4	47.6	.5	.1
Banking	13.5	13.4	13.8	.4	-2.3
Insurance carriers	11.8	11.7	11.7	.8	1.1
SERVICES	197.8	196.9	193.4	.4	2.2
GOVERNMENT	118.0	117.1	121.7	.8	-3.0
Federal government	19.2	19.1	19.9	.2	-3.6
State government (includes education)	8.0	7.8	7.9	1.5	1.2
Local government	90.9	90.2	93.9	.8	-3.2
Local government, except education	45.9	45.4	44.8	1.0	2.4
Local government education	45.1	44.7	49.1	.7	-8.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures.
[e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing.
[f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
MAY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1982[b]	April 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$412.49	$400.60	$398.40	40.8	40.1	41.5	$10.11	$ 9.99	$ 9.60
Durable Goods[d]	435.25	421.37	419.16	41.1	40.4	42.0	10.59	10.43	9.98
Furniture and fixtures	303.75	301.90	306.94	40.5	40.2	44.1	7.50	7.51	6.96
Primary metal industries	517.50	484.79	491.48	41.7	39.9	42.7	12.41	12.15	11.51
Blast furnace and basic steel products	519.40	515.97	560.27	39.2	39.0	42.9	13.25	13.23	13.06
Iron and steel foundries	658.48	571.05	511.89	46.8	42.3	42.8	14.07	13.50	11.96
Nonferrous foundries	321.83	313.74	312.44	39.2	37.8	39.3	8.21	8.30	7.95
Fabricated metal products	423.28	417.96	398.26	40.7	40.5	41.1	10.40	10.32	9.69
Fabricated structural metal products	336.76	341.50	324.82	39.9	40.8	40.4	8.44	8.37	8.04
Screw machine products, bolts, etc.	343.42	347.99	362.44	38.2	39.1	41.0	8.99	8.90	8.84
Metal forgings and stampings	543.49	534.23	492.46	43.1	42.5	42.6	12.61	12.57	11.56
Machinery, except electrical	393.00	399.35	414.66	39.3	39.5	41.8	10.00	10.11	9.92
Construction and related machinery	436.07	437.53	442.82	38.9	39.1	40.7	11.21	11.19	10.88
Metalworking machinery	373.65	392.82	397.40	38.6	39.4	41.7	9.68	9.97	9.53
Special industry machinery	408.24	409.02	383.57	40.3	40.1	39.3	10.13	10.20	9.76
General industrial machinery	400.53	388.47	412.16	39.5	39.2	43.8	10.14	9.91	9.41
Electric and electronic equipment	347.45	349.27	359.12	39.8	40.1	42.2	8.73	8.71	8.51
Electrical industrial apparatus	332.58	347.63	419.93	35.8	37.5	45.3	9.29	9.27	9.27
Transportation equipment	563.40	517.28	487.73	45.0	42.4	43.2	12.52	12.20	11.29
Motor vehicles and equipment	607.07	552.53	508.38	46.2	43.2	43.6	13.14	12.79	11.66
Instruments and related products	310.07	322.34	300.51	39.6	40.7	40.5	7.83	7.92	7.42
Nondurable Goods[e]	347.13	339.95	333.66	39.9	39.3	40.2	8.70	8.65	8.30
Food and kindred products	373.60	362.25	337.42	42.6	41.4	40.8	8.77	8.75	8.27
Bakery products	399.47	365.31	354.69	43.0	40.5	41.1	9.29	9.02	8.63
Beverages	306.88	305.27	307.93	39.7	39.8	41.5	7.73	7.67	7.42
Apparel and other textile products	244.32	243.62	231.13	37.3	36.8	37.4	6.55	6.62	6.18
Paper and allied products	365.44	364.83	330.05	41.2	41.6	41.0	8.87	8.77	8.05
Printing and publishing	357.86	361.13	364.98	37.2	37.5	38.5	9.62	9.63	9.48
Chemicals and allied products	421.41	404.19	397.40	41.6	40.5	41.7	10.13	9.98	9.53
Industrial inorganic chemicals	422.47	377.95	402.19	40.7	38.1	39.9	10.38	9.92	10.08
Rubber and misc. plastics products	306.99	293.88	294.94	40.5	39.5	41.6	7.58	7.44	7.09
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	610.25	576.41	576.46	37.6	37.6	38.0	16.23	15.33	15.17
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	442.49	443.59	409.85	40.3	40.4	40.7	10.98	10.98	10.07
WHOLESALE TRADE	329.09	320.04	312.39	38.9	38.1	39.0	8.46	8.40	8.01
RETAIL TRADE[f]	162.16	158.72	156.44	28.3	27.7	28.6	5.73	5.73	5.47
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	225.23	228.11	213.01	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
MAY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1982[b]	April 1982[c]	May 1981[c]	April 1982	May 1981
TOTAL	507.3	504.1	510.3	.6	- .6
MANUFACTURING	87.8	88.4	94.1	- .6	- 6.7
Durable Goods[e]	54.7	55.4	60.1	- 1.2	- 9.1
Stone, clay, and glass products	8.3	8.8	9.9	- 5.5	- 16.2
Fabricated metal products	9.2	9.2	11.8	.0	- 22.0
Machinery, except electrical	10.9	10.9	11.8	.2	- 7.5
Electric and electronic equipment	11.5	11.6	11.6	- .9	- 1.1
Transportation equipment	6.4	6.5	6.0	- 1.3	6.3
Nondurable Goods[f]	33.2	33.0	34.0	.5	- 2.5
Food and kindred products	10.7	10.7	10.6	- .4	.3
Printing and publishing	8.5	8.5	8.7	.3	- 1.9
Chemicals and allied products	6.1	6.0	6.1	.4	- .6
Rubber and misc. plastics products	2.8	2.8	3.3	2.7	- 13.6
NONMANUFACTURING[g]	419.4	415.8	416.2	.9	.8
CONSTRUCTION	17.1	16.2	18.1	5.9	- 5.6
TRANSPORTATION AND PUBLIC UTILITIES	23.7	23.8	24.3	- .1	- 2.1
Communication, electric, gas services	11.5	11.5	11.5	- .1	.0
WHOLESALE TRADE	27.6	27.5	27.2	.4	1.4
RETAIL TRADE	93.5	92.0	92.2	1.6	1.4
FINANCE, INSURANCE, AND REAL ESTATE	40.6	40.5	39.0	.3	4.2
Banking	8.1	8.0	7.8	.8	3.2
Insurance carriers	17.7	17.7	17.1	.1	3.6
SERVICES	112.0	111.4	108.5	.6	3.2
GOVERNMENT	104.0	103.6	106.1	.4	- 2.0
Federal government	11.5	11.5	11.5	- .1	- .6
State government	49.8	49.5	50.0	.6	- .4
State government, except education	29.0	28.9	28.9	.1	.0
State government education[i]	20.9	20.6	21.1	1.4	- 1.0
Local government	42.7	42.6	44.5	.2	- 4.1
Local government, except education	17.1	17.1	18.6	.2	- 8.0
Local government education	25.6	25.5	25.9	.3	- 1.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
MAY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1982[b]	April 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$367.49	$361.69	$341.15	39.6	39.4	39.9	$ 9.28	$ 9.18	$ 8.55
Durable Goods[d]	376.83	372.09	352.04	39.5	39.5	39.6	9.54	9.42	8.89
Stone, clay, and glass products	344.93	351.74	332.51	38.8	39.7	40.5	8.89	8.86	8.21
Fabricated metal products	425.37	419.73	421.79	38.6	38.9	39.2	11.02	10.79	10.76
Machinery, except electrical	380.03	363.19	341.96	41.9	40.9	41.3	9.07	8.88	8.28
Electric and electronic equipment	371.59	369.47	340.02	39.7	39.6	39.4	9.36	9.33	8.63
Transportation equipment	445.42	439.27	369.20	40.2	40.9	40.0	11.08	10.74	9.23
Nondurable Goods[e]	350.24	341.04	319.12	39.8	39.2	40.6	8.80	8.70	7.86
Food and kindred products	352.31	335.12	312.64	41.4	39.8	41.3	8.51	8.42	7.57
Printing and publishing	401.57	387.84	347.06	38.1	37.4	37.0	10.54	10.37	9.38
Chemicals and allied products	395.73	379.60	371.95	41.7	40.0	43.0	9.49	9.49	8.65
Rubber and misc. plastics products	297.96	300.49	288.11	38.2	39.8	41.1	7.80	7.55	7.01
NONMANUFACTURING	......	......	......	....	....	....	.....	....	....
CONSTRUCTION	509.84	474.75	426.16	39.8	37.5	36.3	12.81	12.66	11.74
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	424.27	436.19	393.90	39.8	40.5	40.4	10.66	10.77	9.75
WHOLESALE TRADE	292.99	293.73	286.77	38.5	38.7	39.5	7.61	7.59	7.26
RETAIL TRADE[f]	147.81	146.96	140.26	28.1	28.1	29.1	5.26	5.23	4.82
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	219.77	212.94	173.81	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
MAY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1982[b]	April 1982[c]	May 1981[c]	April 1982	May 1981
TOTAL	346.7	346.3	354.7	.1	- 2.2
MANUFACTURING	90.0	90.6	98.3	- .7	- 8.5
Durable Goods[e]	62.4	62.7	67.2	- .5	- 7.2
Stone, clay, and glass products	2.1	2.0	2.4	1.4	- 14.8
Fabricated metal products	6.7	6.8	7.2	- 1.8	- 7.2
Machinery, except electrical	29.5	29.7	31.7	- .7	- 7.1
Metalworking machinery	6.4	6.5	7.4	- 1.8	- 13.9
Electric and electronic equipment	5.0	5.1	5.5	- .6	- 9.0
Electrical industrial apparatus	2.9	3.0	3.4	- 2.6	- 13.9
Transportation equipment	13.3	13.1	13.8	1.6	- 3.2
Nondurable Goods[f]	27.6	27.9	31.1	- 1.0	- 11.2
Food and kindred products	3.0	3.0	3.0	- .8	- 1.5
Paper and allied products	5.2	5.4	6.0	- 2.2	- 12.2
Printing and publishing	8.0	8.5	9.2	- 5.6	- 12.8
Rubber and misc. plastics products	7.6	7.4	9.2	3.2	- 16.8
NONMANUFACTURING[g]	256.7	255.8	256.4	.4	.1
CONSTRUCTION	10.7	10.0	11.3[h]	6.6	- 5.9
TRANSPORTATION AND PUBLIC UTILITIES	13.1	13.0	13.2	1.3	- .6
Communication, electric, gas services	6.4	6.4	6.6	.4	- 2.9
WHOLESALE TRADE	16.5	16.5	16.4	.2	.7
RETAIL TRADE	56.2	55.7	56.9	.9	- 1.2
FINANCE, INSURANCE, AND REAL ESTATE	13.9	13.7	13.5	.9	2.9
SERVICES	76.1	76.9	73.7	- 1.1	3.3
GOVERNMENT	69.9	69.6	71.0	.4	- 1.5
Federal government	25.7	25.5	25.6	.5	.3
State government (includes education)	6.8	6.7	5.9	2.0	15.1
Local government	37.4	37.4	39.5	.0	- 5.2
Local government, except education	12.4	12.7	14.2	- 2.0	- 12.9
Local government education	25.0	24.8	25.2	1.0	- .9

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
MAY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1982[b]	April 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]
TOTAL	....	....	....	....	....	....	....	....	....
MANUFACTURING	$401.39	$395.61	$395.32	39.9	39.8	41.7	$10.06	$ 9.94	$ 9.48
Durable Goods[d]	398.60	400.36	393.05	39.9	40.4	42.4	9.99	9.91	9.27
Stone, clay, and glass products	345.26	356.12	329.94	41.2	41.7	39.8	8.38	8.54	8.29
Fabricated metal products	315.99	310.81	323.21	39.4	38.9	43.5	8.02	7.99	7.43
Machinery, except electrical	420.24	431.39	403.52	40.8	41.6	42.7	10.30	10.37	9.45
Metalworking machinery	397.79	395.79	396.76	40.1	40.1	42.8	9.92	9.87	9.27
Electric and electronic equipment	294.97	298.45	302.02	39.7	39.9	42.3	7.43	7.48	7.14
Electrical industrial apparatus	319.20	322.39	333.64	39.9	40.4	43.9	8.00	7.98	7.60
Transportation equipment	496.19	479.85	518.55	39.6	39.3	42.4	12.53	12.21	12.23
Nondurable Goods[e]	407.38	384.38	398.40	39.9	38.4	40.0	10.21	10.01	9.96
Food and kindred products	395.75	381.92	373.35	39.3	38.5	39.3	10.07	9.92	9.50
Paper and allied products	334.97	328.02	353.96	41.0	40.1	42.8	8.17	8.18	8.27
Printing and publishing	377.58	371.12	407.54	37.2	36.6	39.3	10.15	10.14	10.37
Rubber and misc. plastics products	525.78	481.97	479.59	41.4	38.9	39.8	12.70	12.39	12.05
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	532.35	486.77	421.84	39.0	37.3	35.3	13.65	13.05	11.95
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	414.07	418.64	392.04	39.7	40.1	40.5	10.43	10.44	9.68
WHOLESALE TRADE	291.73	290.24	276.34	39.8	40.2	41.0	7.33	7.22	6.74
RETAIL TRADE[f]	148.12	144.78	145.82	29.1	28.5	29.4	5.09	5.08	4.96
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
MAY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1982[b]	April 1982[c]	May 1981[c]	April 1982	May 1981
TOTAL	288.8	285.5	295.3	1.1	- 2.2
MANUFACTURING	68.8	68.4	75.3	.6	- 8.7
Durable Goods[e]	53.5	53.2	58.5	.7	- 8.5
Stone, clay, and glass products	12.2	12.0	13.1	2.0	- 6.5
Primary metal industries	3.9	3.9	4.5	- 1.1	- 13.5
Fabricated metal products	7.1	7.0	8.0	2.6	- 11.3
Metal forgings and stampings	3.3	3.3	4.0	2.0	- 16.2
Machinery, except electrical	6.1	6.1	6.9	- .7	- 12.2
General industrial machinery	1.8	1.8	2.0	.1	- 9.9
Transportation equipment	16.5	16.3	17.4	1.2	- 4.7
Motor vehicles and equipment	15.1	14.9	16.3	1.3	- 7.0
Nondurable Goods[f]	15.3	15.2	16.9	.2	- 9.4
Food and kindred products	4.0	3.9	4.1	2.8	- 1.4
Petroleum and coal products	1.7	1.7	1.9	.0	- 13.9
Rubber and misc. plastics products	3.0	2.8	3.4	4.0	- 13.6
NONMANUFACTURING[g]	220.0	217.1	220.0	1.3	.0
CONSTRUCTION	10.9	10.3	11.6	6.0	- 5.7
TRANSPORTATION AND PUBLIC UTILITIES	19.0	18.9	19.4	.9	- 2.0
Communication, electric, gas services	7.8	7.7	7.6	.4	1.8
WHOLESALE TRADE	14.5	14.4	14.7	.4	- 1.8
RETAIL TRADE	51.1	50.4	51.6	1.3	- 1.0
FINANCE, INSURANCE, AND REAL ESTATE	10.7	10.6	10.6	1.2	1.0
SERVICES	66.4	65.9	63.7	.7	4.2
GOVERNMENT	46.8	46.0	47.9	1.7	- 2.2
State government (includes education)	15.0	14.8	14.8	1.2	1.1
Local government	29.0	28.4	30.3	2.1	- 4.2
Local government, except education	11.0	10.7	11.9	2.9	- 7.3
Local government education	18.0	17.7	18.4	1.7	- 2.2

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
MAY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1982[b]	April 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$442.68	$435.24	$402.11	40.8	40.3	41.2	$10.85	$10.80	$ 9.76
Durable Goods[d]	460.84	448.63	413.24	41.0	40.2	41.2	11.24	11.16	10.03
Stone, clay, and glass products	462.31	454.02	421.02	41.8	41.2	42.7	11.06	11.02	9.86
Primary metal industries	419.74	409.19	390.85	42.7	41.5	42.3	9.83	9.86	9.24
Fabricated metal products	443.21	435.01	366.00	41.0	41.0	40.0	10.81	10.61	9.15
Metal forgings and stampings	521.85	498.08	423.86	42.6	41.3	40.6	12.25	12.06	10.44
Machinery, except electrical	406.61	414.87	390.62	39.4	39.7	39.9	10.32	10.45	9.79
General industrial machinery	448.52	450.08	443.12	38.9	38.7	39.6	11.53	11.63	11.19
Transportation equipment	531.01	507.67	491.71	41.1	39.6	41.6	12.92	12.82	11.82
Motor vehicles and equipment	531.77	507.08	493.85	41.0	39.4	41.5	12.97	12.87	11.90
Nondurable Goods[e]	381.78	389.23	366.54	40.4	40.8	41.7	9.45	9.54	8.79
Food and kindred products	393.18	417.73	378.78	41.3	42.8	42.8	9.52	9.76	8.85
Petroleum and coal products	634.38	639.47	575.04	44.3	44.5	44.2	14.32	14.37	13.01
Rubber and misc. plastics products	323.51	320.74	307.22	39.5	39.5	40.8	8.19	8.12	7.53
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	637.19	627.23	532.15	39.7	39.3	36.7	16.05	15.96	14.50
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	450.46	457.18	399.34	40.4	41.6	41.0	11.15	10.99	9.74
WHOLESALE TRADE	333.76	323.85	295.97	38.9	38.1	37.8	8.58	8.50	7.83
RETAIL TRADE[f]	157.72	154.15	155.17	29.1	28.6	29.5	5.42	5.39	5.26
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
MAY 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1982[b]	April 1982[c]	May 1981[c]	April 1982	May 1981
TOTAL	190.9	186.8	203.0	2.2	-6.0
MANUFACTURING	58.1	55.9	69.8	4.0	-16.8
Durable Goods[e]	52.5	50.3	64.2	4.4	-18.1
Stone, clay, and glass products	1.8	1.7	1.9	2.8	-5.9
Primary metal industries	25.0	24.9	30.3	.6	-17.5
Blast furnace and basic steel products	12.5	12.8	15.4	-2.1	-19.1
Fabricated metal products	8.7	8.8	9.5	-.5	-7.9
Fabricated structural metal products	2.7	2.7	2.7	1.5	-.1
Machinery, except electrical	5.2	5.3	5.5	-3.0	-6.5
Metalworking machinery	2.5	2.5	2.5	.0	-.6
Electric and electronic equipment	3.0	3.0	3.0	-.3	-2.2
Transportation equipment	7.3	4.9	12.1	46.7	-40.1
Nondurable Goods[f]	5.6	5.6	5.6	-.2	-1.2
NONMANUFACTURING[g]	132.8	130.9	133.3	1.5	-.3
CONSTRUCTION	5.8	5.5	6.1	4.9	-5.1
TRANSPORTATION AND PUBLIC UTILITIES	9.0	8.9	9.3	1.3	-3.5
Communication, electric, gas services	3.3	3.3	3.3	-.2	.5
WHOLESALE TRADE	7.7	7.7	7.7	.0	.0
RETAIL TRADE	36.1	35.7	36.4	1.2	-.7
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.2	7.1	1.0	2.6
SERVICES	39.8	39.5	39.3	.9	1.2
GOVERNMENT	26.2	25.6	26.5	2.5	-1.0
Local government (includes education)	20.4	20.1	20.7	1.4	-1.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
MAY 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1982[b]	April 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]	May 1982[b]	Apr. 1982[c]	May 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$460.18	$447.37	$472.53	39.5	38.6	40.7	$11.65	$11.59	$11.61
Durable Goods[d]	470.83	460.11	485.52	39.4	38.6	40.8	11.95	11.92	11.90
Stone, clay, and glass products	323.74	318.19	293.17	37.6	36.7	36.6	8.61	8.67	8.01
Primary metal industries	476.63	479.31	517.01	37.5	37.3	41.0	12.71	12.85	12.61
Blast furnace and basic steel products	498.92	494.91	541.11	37.4	37.1	40.9	13.34	13.34	13.23
Fabricated metal products	454.35	462.95	529.10	38.8	39.4	43.8	11.71	11.75	12.08
Fabricated structural metal products	347.39	332.70	353.43	36.8	36.4	38.5	9.44	9.14	9.18
Machinery, except electrical	436.59	429.78	415.34	38.5	38.0	38.0	11.34	11.31	10.93
Metalworking machinery	449.80	439.18	434.85	39.7	38.9	39.0	11.33	11.29	11.15
Electric and electronic equipment	363.37	365.98	331.57	40.6	40.8	39.9	8.95	8.97	8.31
Transportation equipment	600.79	537.54	492.88	46.9	42.9	40.4	12.81	12.53	12.20
Nondurable Goods[e]	335.16	324.29	313.96	39.9	39.3	40.2	8.40	8.25	7.81
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	478.17	503.01	538.88	34.6	35.7	37.5	13.82	14.09	14.37
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	404.15	408.62	410.21	39.7	40.1	43.5	10.18	10.19	9.43
WHOLESALE TRADE	335.47	323.70	302.18	39.7	39.0	39.5	8.45	8.30	7.65
RETAIL TRADE[f]	156.46	152.68	152.87	29.3	28.7	29.8	5.34	5.32	5.13
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.--Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.--Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.--Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.--Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.--Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.--Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 3,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.--Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.--Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.--Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.--Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.--Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers.--Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.--Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.--Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.--Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
JAMES A. RHODES, *Governor*
GARY E. STEIN, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
JUNE 1982

Unemployment in Ohio rose from 566,000 in May to 644,000 in June, lifting the jobless rate from 11.1 to 12.3 percent of the civilian labor force. Total employment nevertheless advanced 1.8 percent, to 4,607,000. Nonfarm payroll employment was estimated at 4,257,000 in June.

Factory employment in Ohio increased .5 percent from May, to 1,135,000. Manufacturers of autos and parts reported recall of several hundred workers. New orders also led to employment gains in iron and steel castings, glassware, and beverages. On the other hand, cutbacks were reported in the manufacture of construction and metalworking machinery, and hardware. Much of the decline in commercial printing was attributable to a plant shutdown.

Employment in Ohio's nonmanufacturing industries totaled 3,122,000 in June, up marginally from May. The increase stemmed from seasonal hiring in outdoor amusements, drive-ins, and eating and drinking places. Construction advanced toward its summer peak, despite curtailed activity due to labor-management disputes. Gains were tempered, however, as schools and colleges furloughed several thousand nonteaching personnel.

Average weekly earnings of Ohio's factory production workers advanced more than $8 from May, to a record $412 in June. The average workweek, at 40.6 hours, was .4 hours longer. Stepped-up overtime was reported in several industries, notably motor vehicles, automotive stampings, special industry machinery, and nonferrous rolling and drawing. Producers of basic steel and household appliances reported higher gross earnings, due to longer hours, although the average workweek for these industries remained below 40 hours. Wage-rate increases boosted earnings in the production of beverages, while higher averages in the manufacture of aircraft components and plastic products reflected both overtime and hourly-rate hikes. Meat processors and producers of electrical automotive components, however, reported overtime curtailments.

The number of jobless Ohioans increased by over 200,000 between June 1981 and June 1982, raising the unemployment rate from 8.5 to 12.3 percent. Total employment slipped 2.1 percent, as nonfarm payrolls declined 2.9 percent. Recessionary losses in manufacturing--down nearly 10 percent over the year--were concentrated in primary metals, nonelectrical machinery, and metal fabrication. Nonmanufacturing dipped fractionally as gains in services moderated cutbacks in government, construction, and retailing. Production workers in Ohio factories grossed $15 more per week in June 1982 than in June of last year, despite a reduction of .8 hours in their average workweek.

For additional Labor Market Information, write
WILLIAM PAPIER, *Director of Research and Statistics*, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Workers on nonfarm payrolls in Akron numbered 254,800 in June, down 2,500 from May. Seasonal cutbacks in state universities lowered nonmanufacturing, despite gains in other component industries. Manufacturing, at 71,300, was little changed from May. Production workers in factories grossed $9.81 per hour, up 3¢ from May. Their average workweek rose .3 hours, to 41.3 for the month.

Canton.--Canton's nonagricultural wage and salary employment advanced 700 from May, to 155,300 in June. The increase occurred in manufacturing--up 700, to 51,700--due to recalls of foundry workers. Curtailments in education were offset by seasonal gains in other nonmanufacturing industries. The workweek and hourly earnings of the average manufacturing production worker, at 39.7 hours and $10.21 an hour, were up .8 hours and 8¢, respectively, from the previous month.

Cincinnati.--Nonfarm employment in the Cincinnati area totaled 592,200 in June, up 2,800 from May. Manufacturing rose 800, to 151,800, with gains concentrated in durable goods. Seasonal hiring--notably in services--lifted nonmanufacturing for June, despite declines in education. Earnings of factory production workers rose 10¢, to $9.63 an hour. Average weekly hours, at 40.8, were up .2 hours from May.

Cleveland.--Nonfarm establishments in Cleveland employed 870,000 in June, up 3,900 from May. Nonmanufacturing accounted for most of the increase, with seasonal gains tempered by cutbacks among public schools. Expansion in nondurable-goods industries boosted manufacturing, up 200, to 232,800 in June; durable goods, however, decreased. The average workweek for factory production workers, at 41.1 hours, was .6 hours longer than in May. Their average hourly earnings rose 12¢, to $10.24 in June.

Columbus.--Columbus' nonagricultural wage and salary employment totaled 508,400 in June, up 2,100 from May. Most of the gain occurred in nonmanufacturing, as seasonal increases in services were partially offset by labor-management disputes in construction coupled with temporary layoffs in education. Recalls in glass and glassware boosted manufacturing by 500, to 88,300 for the month. Production workers in manufacturing industries grossed $9.30 per hour in June, up 3¢ from May. Their average workweek, at 40.2 hours, was .5 hours longer.

Dayton.--Nonfarm payroll employment in Dayton increased 1,600 from May, to 348,200 in June. Manufacturing rose 500, with gains among durable-goods industries moderated by a loss in printing and publishing. Seasonal hiring boosted nonmanufacturing, notably the service and construction industries. The average workweek of factory production workers increased 1.2 hours, to 41.2 hours in June. Hourly earnings rose 36¢, to $10.42 for the month.

Toledo.--Nonagricultural establishments in Toledo employed 288,200 wage and salary workers in June, down 400 from May. The loss was concentrated in nonmanufacturing industries, due to seasonal layoffs of school employees and labor-management disputes in construction. Manufacturing, at 69,100, was unchanged from last month. The average factory production worker grossed $10.98 per hour for a workweek of 41.7 hours--up 7¢ and .7 hours from May averages.

Youngstown-Warren.--June nonfarm payroll employment in the Youngstown-Warren area totaled 191,700, up 1,300 from May. Seasonal expansion in nonmanufacturing industries--services, construction, and retail trade--was responsible for most of the gain. Manufacturing rose 200, to 58,000 for the month. The average factory production workweek, at 40.0 hours, was .7 hours longer, while average hourly earnings, at $11.69, were little changed from the previous month.

Division of Research and Statistics
Ohio Bureau of Employment Services
7-16-82

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1971	244.1	138.1	501.9	829.3	410.9	317.4	263.7	198.1
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	265.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.0	157.3	593.9	890.8	508.3	353.4	290.9	199.1
1981								
June	259.4	158.9	600.5	893.2	512.7	355.2	298.1	204.4
July	257.1	158.4	590.5	887.2	504.0	349.4	289.2	200.9
August ..	257.3	158.7	589.2	884.3	504.6	348.7	287.6	197.5
September	262.9	158.8	598.2	883.1	508.5	356.2	291.8	202.2
October .	263.2	158.9	597.9	885.3	515.4	356.9	295.3	201.6
November.	261.1	157.9	597.1	883.6	515.6	357.0	292.3	201.8
December.	260.6	157.0	596.2	875.6	514.7	356.1	290.8	193.1
1982								
January .	252.2	152.9	576.7	856.1	499.9	349.0	281.9	191.8
February.	252.4	152.0	574.8	854.9	498.6	345.5	281.6	185.4
March ...	253.4	152.5	579.6	856.0	501.8	345.3	283.4	187.9
April ...	255.1	153.2	585.4	860.8	504.1	346.3	285.5	186.8
May	257.3	154.6	589.4	866.1	506.3	346.6	288.6	190.4
June	254.8	155.3	592.2	870.0	508.4	348.2	288.2	191.7
	MANUFACTURING EMPLOYMENT (in thousands)							
1971	91.7	58.6	160.1	273.5	98.4	112.8	86.2	88.4
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.2	55.7	162.5	254.9	96.8	99.3	75.4	70.8
1981	75.9	55.3	158.4	247.4	93.6	97.8	74.0	67.7
1981								
June	77.3	55.9	160.1	251.3	94.4	98.4	76.1	69.9
July	75.8	56.1	158.4	250.0	93.0	97.9	74.3	69.0
August ..	75.5	56.4	158.3	247.8	92.7	97.1	74.9	66.7
September	76.8	56.5	159.7	249.9	94.3	99.6	76.9	69.4
October .	76.1	56.0	158.4	248.7	93.6	98.1	74.1	68.8
November.	74.9	55.1	158.6	245.9	93.2	98.0	71.5	68.3
December.	74.3	54.0	156.7	236.9	92.0	96.7	70.1	59.9
1982								
January .	73.0	52.7	151.9	238.0	91.0	95.7	68.5	63.6
February.	72.1	52.1	149.6	236.9	89.9	93.0	68.8	56.8
March ...	71.9	51.8	150.9	234.3	89.2	91.2	68.7	58.7
April ...	71.6	50.7	150.5	233.2	88.4	90.6	68.4	55.9
May	71.4	51.0	151.0	232.6	87.8	90.2	69.0	57.8
June	71.3	51.7	151.8	232.8	88.3	90.7	69.1	58.0

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1971	53.8	43.2	111.5	187.4	68.8	82.3	60.6	70.6
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.9	40.0	104.3	162.3	61.6	64.4	48.8	51.1
1981								
June	45.1	40.6	105.5	166.2	62.4	64.9	50.5	53.3
July	43.5	40.8	103.6	164.4	61.4	64.3	48.8	52.2
August ..	42.9	40.9	103.7	161.9	61.1	63.5	49.6	50.3
September	44.0	40.9	105.3	163.9	62.3	65.9	51.6	52.8
October .	43.3	40.4	104.3	162.4	61.4	64.8	49.0	52.3
November.	41.9	39.4	104.6	159.4	61.1	64.6	47.1	51.7
December.	41.4	38.3	102.8	150.4	60.1	63.4	45.9	43.8
1982								
January .	40.2	37.1	98.7	152.0	59.3	62.4	44.3	47.2
February.	39.4	36.6	96.8	151.4	58.2	59.8	44.8	41.2
March ...	39.3	36.2	98.2	149.0	57.5	58.4	44.8	42.8
April ...	39.2	35.2	97.7	148.2	56.8	57.9	44.7	40.4
May	39.1	35.7	98.3	147.7	56.3	57.8	45.1	41.9
June	38.9	36.5	99.2	147.9	56.8	58.6	45.2	42.0
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1971	40.6	38.9	41.0	40.6	39.6	40.6	41.4	41.4
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1981								
June	42.4	40.4	41.3	42.0	39.9	42.5	41.3	41.4
July	41.9	39.8	40.9	40.6	39.5	41.6	40.4	40.4
August ..	41.7	39.6	40.6	41.1	40.4	41.9	40.3	41.7
September	40.8	40.1	41.2	40.9	40.0	40.8	41.6	41.5
October .	41.2	39.7	40.7	40.7	39.8	41.1	41.1	39.8
November.	41.5	39.8	41.0	40.8	40.3	41.0	40.7	40.4
December.	42.4	40.2	41.1	40.7	40.4	41.1	41.3	39.1
1982								
January .	40.6	38.2	39.8	38.8	39.5	39.5	39.7	39.1
February.	41.6	39.3	39.8	40.2	39.8	40.0	41.0	39.3
March ...	41.2	38.7	39.9	40.1	39.4	39.5	40.9	39.1
April ...	40.8	38.9	40.2	40.1	39.4	39.8	40.3	38.6
May	41.0	38.9	40.6	40.5	39.7	40.0	41.0	39.3
June	41.3	39.7	40.8	41.1	40.2	41.2	41.7	40.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

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Ohio Bureau of Employment Services
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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS								
1971	$4.36	$4.09	$3.89	$4.15	$3.77	$4.49	$4.26	$4.46
1972	4.68	4.48	4.15	4.50	4.06	4.74	4.67	4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1981								
June	9.53	9.76	8.69	9.79	8.65	9.67	9.97	11.70
July	9.57	9.73	8.73	9.65	8.59	9.63	9.91	11.65
August ..	9.60	9.78	8.80	9.72	8.71	9.85	9.92	11.79
September	9.64	9.96	8.93	9.79	8.86	9.72	10.13	11.69
October .	9.66	9.98	8.99	9.83	8.96	9.96	10.20	11.58
November.	9.70	10.01	9.08	9.83	9.05	9.88	10.22	11.69
December.	9.71	10.09	9.14	9.71	9.07	9.95	10.46	11.59
1982								
January .	9.73	9.95	9.26	9.82	9.04	9.92	10.58	11.73
February.	9.77	10.05	9.24	9.86	9.05	9.82	10.70	11.70
March ...	9.83	10.01	9.41	9.93	9.12	9.84	10.80	11.69
April ...	9.80	10.08	9.43	9.99	9.18	9.94	10.80	11.59
May	9.78	10.13	9.53	10.12	9.27	10.06	10.91	11.70
June	9.81	10.21	9.63	10.24	9.30	10.42	10.98	11.69
MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS								
1971	$177.02	$159.10	$159.49	$168.49	$149.29	$182.29	$176.36	$184.64
1972	197.03	181.89	173.89	190.35	164.02	201.45	196.14	201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.19	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1981								
June	404.07	394.30	358.90	411.18	345.14	410.98	411.76	484.38
July	400.98	387.25	357.06	391.79	339.31	400.61	400.36	470.66
August ..	400.32	387.29	357.28	399.49	351.88	412.72	399.78	491.64
September	393.31	393.40	367.92	400.41	354.40	396.58	421.41	485.14
October .	397.99	396.21	365.89	400.08	356.61	409.36	419.22	460.88
November.	402.55	398.40	372.28	401.06	364.72	405.08	415.95	472.28
December.	411.70	405.62	375.65	395.20	366.43	408.95	432.00	453.17
1982								
January .	395.04	380.09	368.55	381.02	357.08	391.84	420.03	458.64
February.	406.43	394.97	367.75	396.37	360.19	392.80	438.70	459.81
March ...	405.00	387.39	375.46	398.19	359.33	388.68	441.72	457.08
April ...	399.84	392.11	379.09	400.60	361.69	395.61	435.24	447.37
May	400.98	394.06	386.92	409.86	368.02	402.40	447.31	459.81
June	405.15	405.34	392.90	420.86	373.86	429.30	457.87	467.60

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1971	277.7	261.3	16.3	5.9	1971	164.9	152.3	12.6	7.6
1972	282.2	267.3	14.8	5.3	1972	165.6	155.3	10.3	6.2
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	303.9	278.2	25.7	8.5	1980	187.7	170.8	16.8	9.0
1981	301.8	273.2	28.6	9.5	1981	188.1	170.1	18.0	9.6
1981					1981				
May	308.4	283.6	24.8	8.0	May	191.0	175.6	15.3	8.0
June	302.9	277.0	25.9	8.6	June	190.1	173.8	16.3	8.6
July	308.2	278.7	29.4	9.6	July	193.8	175.5	18.3	9.5
August	307.0	276.9	30.1	9.8	August	191.8	174.4	17.4	9.1
September ..	302.6	273.1	29.5	9.7	September .	189.2	169.1	20.1	10.6
October	302.2	273.7	28.6	9.4	October ...	187.0	169.5	17.5	9.4
November ...	304.6	272.2	32.4	10.6	November ..	188.8	168.9	19.9	10.5
December ...	302.7	269.0	33.7	11.1	December ..	187.8	166.2	21.6	11.5
1982					1982				
January	298.4	264.2	34.2	11.5	January ...	187.7	164.1	23.6	12.6
February ...	295.5	260.4	35.1	11.9	February ..	184.6	161.0	23.6	12.8
March	297.2	261.9	35.3	11.9	March	187.3	161.9	25.4	13.6
April	299.7	265.7	34.0	11.4	April	188.5	163.9	24.6	13.1
May[p]	301.9	270.8	31.0	10.3	May[p]	190.2	166.9	23.3	12.2
CINCINNATI[d]					CLEVELAND[e]				
1971	550.0	516.0	34.0	6.2	1971	866.7	811.7	55.0	6.3
1972	561.0	529.0	32.0	5.7	1972	873.2	825.2	48.0	5.5
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	600.6	562.6	38.0	6.3	1976	897.7	834.4	63.3	7.0
1977	619.1	584.6	34.4	5.6	1977	908.5	854.4	54.0	5.9
1978	642.8	610.5	32.3	5.0	1978	921.7	878.5	43.2	4.7
1979	657.9	622.9	35.1	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.0	68.2	7.3
1981	678.6	619.2	59.5	8.8	1981	929.2	850.8	78.4	8.4
1981					1981				
May	688.1	636.6	51.4	7.5	May	942.6	875.3	67.3	7.1
June	684.9	629.9	55.0	8.0	June	942.1	869.6	72.6	7.7
July	691.1	628.1	63.0	9.1	July	960.4	877.8	82.6	8.6
August	683.6	624.4	59.1	8.7	August	947.5	867.9	79.7	8.4
September ..	680.1	616.3	63.8	9.4	September .	922.4	839.8	82.6	9.0
October	678.9	616.1	62.7	9.2	October ...	923.6	843.7	79.9	8.7
November ...	684.3	617.1	67.2	9.8	November ..	931.4	844.3	87.1	9.4
December ...	679.4	611.6	67.8	10.0	December ..	921.1	829.1	92.1	10.0
1982					1982				
January	665.4	594.4	71.1	10.7	January ...	905.6	821.3	84.4	9.3
February ...	657.0	585.6	71.4	10.9	February ..	892.2	809.1	83.0	9.3
March	664.3	591.2	73.0	11.0	March	903.7	811.3	92.5	10.2
April	669.7	601.4	68.3	10.2	April	910.4	821.7	88.6	9.7
May[p]	675.9	611.0	64.9	9.6	May[p]	919.9	833.3	86.5	9.4

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data are geared to 1980 Census (only 1980 - 1982 data in Cincinnati area). [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1971	445.6	425.6	20.0	4.5	1971	349.5	326.1	23.3	6.7
1972	469.1	450.2	18.9	4.0	1972	353.5	336.2	17.3	4.9
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.3	31.5	5.7	1980	390.2	360.9	29.3	7.5
1981	562.5	518.7	43.8	7.8	1981	389.8	357.4	32.4	8.3
1981					1981				
May	571.5	533.4	38.0	6.7	May	396.4	368.4	27.9	7.1
June	569.3	528.1	41.2	7.2	June	393.2	363.4	29.8	7.6
July	573.9	528.1	45.8	8.0	July	397.4	362.2	35.2	8.9
August	569.2	524.6	44.7	7.8	August	392.7	359.0	33.8	8.6
September ..	561.3	511.9	49.4	8.8	September .	388.9	354.8	34.1	8.8
October	565.5	519.2	46.3	8.2	October ...	389.7	356.4	33.3	8.5
November ...	570.6	520.4	50.2	8.8	November ..	393.8	357.1	36.7	9.3
December ...	563.4	514.2	49.2	8.7	December ..	391.4	352.2	39.2	10.0
1982					1982				
January	554.8	506.0	48.8	8.8	January ...	389.5	349.7	39.8	10.2
February ...	547.5	498.2	49.4	9.0	February ..	383.4	341.7	41.7	10.9
March	553.8	502.5	51.4	9.3	March	387.5	342.3	45.2	11.7
April	559.6	508.8	50.8	9.1	April	389.7	346.2	43.5	11.2
May[p]	565.1	517.1	48.0	8.5	May[p]	390.3	350.0	40.3	10.3
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1971	319.5	300.4	19.1	6.0	1971	225.1	207.1	18.0	8.0
1972	329.3	311.3	18.0	5.5	1972	226.9	212.1	14.8	6.5
1973	340.0	324.3	15.7	4.6	1973	232.5	221.8	10.8	4.6
1974	344.3	324.6	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	345.8	311.2	34.7	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	367.7	329.7	38.0	10.3	1980	238.4	210.4	28.0	11.7
1981	366.9	327.3	39.6	10.8	1981	233.1	205.3	27.7	11.9
1981					1981				
May	373.2	339.6	33.6	9.0	May	235.4	214.3	21.1	8.9
June	373.9	339.2	34.7	9.3	June	234.5	212.3	22.1	9.4
July	374.6	334.4	40.3	10.8	July	237.6	212.2	25.3	10.7
August	370.7	330.9	39.9	10.8	August	234.5	207.1	27.4	11.7
September ..	365.7	324.9	40.8	11.2	September .	231.0	205.2	25.8	11.2
October	370.6	329.0	41.6	11.2	October ...	230.2	204.9	25.3	11.0
November ...	368.8	326.1	42.6	11.6	November ..	235.0	205.6	29.4	12.5
December ...	365.4	319.9	45.5	12.4	December ..	232.0	195.0	37.1	16.0
1982					1982				
January	361.0	313.4	47.6	13.2	January ...	232.6	196.1	36.5	15.7
February ...	355.7	310.0	45.7	12.8	February ..	232.8	187.2	45.6	19.6
March	360.2	312.1	48.2	13.4	March	231.2	190.0	41.1	17.8
April	362.5	317.5	45.0	12.4	April	236.5	190.4	46.2	19.5
May[p]	365.0	325.3	39.7	10.9	May[p]	236.9	196.3	40.6	17.1

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. Data are geared to 1980 Census. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands) Civilian Labor Force	OHIO (in thousands) Total Employed	OHIO (in thousands) Total Unemployed	Unemployment Rate OHIO	Unemployment Rate U.S.
1971	4,417	4,130	286	6.5	5.9
1972	4,511	4,261	249	5.5	5.6
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,086	4,660	426	8.4	7.1
1981	5,085	4,595	490	9.6	7.6
1981					
June	5,144	4,707	437	8.5	7.7
July	5,221	4,726	495	9.5	7.3
August ..	5,163	4,676	487	9.4	7.2
September	5,076	4,566	510	10.0	7.3
October .	5,084	4,580	504	9.9	7.5
November.	5,121	4,560	561	10.9	7.9
December.	5,073	4,473	600	11.8	8.3
1982					
January .	5,032	4,434	598	11.9	9.4
February.	4,967	4,361	606	12.2	9.6
March ...	5,014	4,398	616	12.3	9.5
April ...	5,050	4,444	606	12.0	9.2
May	5,092	4,526	566	11.1	9.1
June	5,251	4,607	644	12.3	9.8

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1971	3,839.5	1,333.8	2,505.7
1972	3,938.3	1,346.8	2,591.5
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.5	3,102.8
1981	4,323.1	1,232.5	3,090.5
1981			
June ...	4,384.6	1,256.2	3,128.4
July	4,326.0	1,241.7	3,084.4
August ..	4,315.1	1,236.9	3,078.2
September	4,359.0	1,252.9	3,106.1
October .	4,363.4	1,232.0	3,131.4
November.	4,342.7	1,211.9	3,130.8
December.	4,301.4	1,173.8	3,127.6
1982			
January .	4,190.3	1,167.1	3,023.2
February.	4,171.8	1,148.9	3,022.8
March ...	4,192.5	1,147.4	3,045.1
April ...	4,216.6	1,132.2	3,084.4
May	4,244.4	1,129.5	3,114.9
June	4,257.2	1,135.2	3,122.0

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1971	20.8	155.2	223.8	185.5	597.3	158.6	587.4	577.2
1972	22.7	165.1	222.9	189.6	626.7	163.8	611.7	589.1
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.4	726.6	203.8	830.9	689.9
1981	30.3	154.2	218.4	230.7	715.3	205.2	856.2	680.2
1981								
June	31.6	161.6	220.0	232.6	720.5	206.4	870.0	685.6
July	32.4	166.7	220.3	232.4	717.0	207.0	864.7	644.0
August ..	32.4	167.2	220.7	231.9	719.5	207.3	864.8	634.3
September	32.6	165.9	221.2	231.6	722.9	206.2	871.1	654.6
October .	31.8	166.2	221.2	231.4	721.6	206.0	870.0	683.2
November.	32.4	161.3	220.5	231.1	728.1	205.6	864.9	686.9
December.	32.2	149.0	220.1	231.2	740.2	206.3	860.2	688.6
1982								
January .	31.8	126.5	213.4	228.4	692.5	204.5	849.7	676.4
February.	31.7	122.7	212.1	227.7	681.4	204.2	858.2	684.8
March ...	31.8	128.4	211.9	228.8	687.3	204.6	866.5	685.9
April ...	32.4	138.7	214.0	229.4	700.0	205.1	882.1	682.7
May	32.9	145.6	215.1	229.6	708.5	205.8	890.1	687.3
June	33.4	149.6	216.2	231.0	711.0	207.6	899.9	673.3

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures.

Division of Research and Statistics
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Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1971	1,333.8	936.1	397.7	958.1	$160.7	39.0
1972	1,346.8	948.8	398.0	977.6	181.0	40.7
1973	1,426.3	1,018.2	408.1	1,045.0	210.4	44.2
1974	1,416.6	1,013.1	403.5	1,026.5	217.0	42.3
1975	1,267.5	892.4	375.1	899.3	201.9	36.2
1976	1,295.3	910.6	384.6	922.0	232.8	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.5	882.6	382.0	867.8	301.9	35.2
1981	1,232.5	858.9	373.6	847.6	330.4	34.7
1981						
June	1,256.2	879.3	376.9	869.0	345.4	36.0
July	1,241.7	867.2	374.4	854.5	331.7	34.7
August ..	1,236.9	860.2	376.7	851.4	335.3	34.8
September	1,252.9	872.6	380.3	868.0	344.5	35.6
October .	1,232.0	858.2	373.8	848.8	334.0	34.3
November.	1,211.9	841.1	370.8	830.6	331.0	33.8
December.	1,173.8	807.0	366.8	794.3	316.3	32.4
1982						
January .	1,167.1	804.8	362.3	789.1	305.8	31.0
February.	1,148.9	789.3	359.7	773.7	306.2	31.0
March ...	1,147.4	789.7	357.7	773.5	306.2	30.9
April ...	1,132.2	776.2	356.1	759.7	302.2	30.3
May	1,129.5	773.4	356.1	757.5	305.7	30.5
June	1,135.2	778.3	356.9	763.1	314.5	31.0

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1971	$167.68	$171.36	$158.77	40.7	40.8	40.4	$4.12	$4.20	$3.93
1972	185.12	190.19	172.60	41.6	41.8	40.9	4.45	4.55	4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1981									
June	397.44	411.27	359.98	41.4	41.5	41.0	9.60	9.91	8.78
July	388.14	400.49	357.62	40.6	40.7	40.5	9.56	9.84	8.83
August ..	393.87	406.72	360.45	40.9	41.0	40.5	9.63	9.92	8.90
September	396.88	408.59	365.79	41.0	40.9	41.1	9.68	9.99	8.90
October .	393.50	405.21	364.41	40.4	40.4	40.4	9.74	10.03	9.02
November.	398.45	410.26	367.43	40.7	40.7	40.6	9.79	10.08	9.05
December.	398.21	409.22	372.91	40.8	40.8	40.8	9.76	10.03	9.14
1982									
January .	387.50	395.69	366.83	39.3	39.1	39.7	9.86	10.12	9.24
February.	395.79	405.60	373.30	40.1	40.0	40.4	9.87	10.14	9.24
March ...	395.81	406.36	370.93	39.9	39.8	40.1	9.92	10.21	9.25
April ...	397.80	407.55	374.00	39.9	39.8	40.0	9.97	10.24	9.35
May	403.61	414.63	377.21	40.2	40.1	40.3	10.04	10.34	9.36
June	412.09	426.13	380.16	40.6	40.7	40.4	10.15	10.47	9.41

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1971	68.7	158.5	160.0	200.0	127.4	155.2	80.4	68.2	99.3
1972	70.3	158.9	162.7	205.1	126.9	155.0	78.2	66.8	102.2
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	[illegible].1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.9	67.4	92.7
1981	61.2	137.9	154.6	203.5	102.0	136.3	70.5	66.3	89.0
1981									
June	62.8	141.4	158.6	206.7	103.3	142.3	70.5	66.1	90.7
July	61.9	139.3	156.2	204.7	103.0	137.8	70.1	66.3	89.3
August ..	62.7	139.7	153.9	202.2	103.3	133.8	72.5	66.4	89.0
September	62.4	140.8	156.8	204.5	103.9	139.0	74.7	66.6	89.8
October .	60.9	137.3	155.0	202.3	102.0	136.6	71.2	66.7	88.7
November.	60.4	134.3	152.9	198.8	100.1	132.4	69.9	66.2	87.5
December.	58.2	125.0	148.3	196.6	97.8	119.5	70.0	66.0	84.8
1982									
January .	55.4	126.0	143.3	193.2	97.9	129.8	68.3	65.6	84.0
February.	55.3	123.5	141.1	191.0	97.4	121.3	68.2	65.8	82.1
March ...	54.5	122.6	140.3	189.0	96.9	126.9	68.0	65.2	81.6
April ...	54.0	117.8	139.5	185.9	95.9	123.3	67.5	64.8	81.2
May	54.2	115.3	138.6	183.3	95.4	126.6	67.6	64.2	81.6
June	54.9	116.4	138.8	181.9	96.2	129.3	68.6	63.6	81.9
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1971	$162.96	$177.36	$173.40	$169.33	$159.20	$198.55	$163.49	$173.82	$162.80
1972	175.14	204.61	187.87	193.46	164.42	219.99	173.43	187.21	180.48
1973	189.03	228.72	204.67	208.80	176.23	241.01	188.94	203.06	193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.97	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1981									
June	348.02	496.69	400.46	393.12	350.33	492.20	357.62	348.91	375.84
July	349.57	486.38	385.92	388.40	346.73	469.06	360.91	346.94	363.69
August ..	353.42	485.48	388.24	393.18	354.24	498.38	361.84	351.16	372.69
September	360.14	504.00	385.60	391.96	354.08	485.41	378.88	364.03	359.96
October .	356.65	475.61	392.18	394.54	356.49	485.81	368.33	356.45	377.51
November.	361.97	488.03	391.78	402.26	357.86	481.31	378.84	363.65	376.58
December.	359.31	476.80	398.05	403.38	361.34	480.24	379.61	368.16	386.75
1982									
January .	354.09	465.17	369.95	385.66	353.70	464.07	367.54	360.43	369.03
February.	361.00	479.97	387.89	391.55	365.82	476.49	376.28	365.00	382.94
March ...	371.18	466.29	393.03	390.98	361.43	485.44	377.29	357.00	376.25
April ...	368.15	473.14	397.79	387.68	364.05	493.07	380.42	352.08	376.14
May	372.20	473.07	400.57	387.29	366.96	522.22	385.40	358.45	380.55
June	375.77	494.48	408.80	401.79	364.05	543.84	386.91	355.26	388.55

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JUNE 1982

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1982[b]	May 1982[c]	June 1981[c]	May 1982	June 1981
TOTAL	4257.2	4244.4	4384.6	.3	- 2.9
MANUFACTURING	1135.2	1129.5	1256.2	.5	- 9.6
Durable Goods[e]	778.3	773.4	879.3	.6	- 11.5
Lumber and wood products	13.2	13.1	14.0	.6	- 5.6
Furniture and fixtures	13.3	13.5	15.1	- 1.7	- 12.1
Household furniture	6.3	6.4	7.2	- .3	- 12.5
Stone, clay, and glass products	54.9	54.2	62.8	1.3	- 12.5
Glass and glassware, pressed or blown	13.7	13.2	15.3	3.7	- 10.5
Structural clay products	4.4	4.3	6.2	3.7	- 27.8
Pottery and related products	5.9	5.9	6.7	- .2	- 12.5
Primary metal industries	116.4	115.3	141.4	1.0	- 17.6
Blast furnace and basic steel products	58.9	59.0	74.2	- .2	- 20.6
Iron and steel foundries	24.3	23.3	29.2	4.4	- 16.7
Nonferrous rolling and drawing	18.4	18.0	20.1	2.5	- 8.3
Nonferrous foundries	8.5	8.6	10.2	- 1.6	- 16.6
Fabricated metal products	138.8	138.6	158.6	.1	- 12.5
Cutlery, hand tools, and hardware	11.0	11.2	13.6	- 1.4	- 18.8
Plumbing and heating, except electric	4.6	4.5	5.3	2.0	- 13.6
Fabricated structural metal products	33.3	33.0	36.6	.9	- 9.0
Screw machine products, bolts, etc.	9.4	9.4	10.6	.1	- 11.2
Metal forgings and stampings	39.0	38.7	46.7	.9	- 16.5
Machinery, except electrical	181.9	183.3	206.7	- .7	- 12.0
Construction and related machinery	21.5	22.1	26.1	- 2.7	- 17.6
Metalworking machinery	48.3	48.8	56.0	- 1.1	- 13.7
Special industry machinery	19.8	20.1	21.6	- 1.4	- 8.2
General industrial machinery	35.3	35.2	39.6	.2	- 10.9
Electric and electronic equipment	96.2	95.4	103.3	.8	- 6.9
Electrical industrial apparatus	21.0	21.2	24.1	- 1.0	- 12.7
Household appliances	16.4	15.5	18.2	5.8	- 9.8
Electric lighting and wiring equipment	19.6	19.4	20.2	.9	- 3.3
Communication equipment	12.1	12.1	11.8	.3	2.5
Transportation equipment	129.3	126.6	142.3	2.1	- 9.2
Motor vehicles and equipment	83.6	82.1	96.8	1.9	- 13.6
Aircraft and parts	37.2	36.8	36.3	1.0	2.4
Instruments and related products	20.7	20.4	21.5	1.7	- 3.8
Measuring and controlling devices	12.2	12.1	13.4	.9	- 8.7
Nondurable Goods[f]	356.9	356.1	376.9	.2	- 5.3
Food and kindred products	68.6	67.6	70.5	1.4	- 2.7
Meat products	11.2	11.2	11.9	.4	- 5.5
Dairy products	11.4	11.3	12.1	1.2	- 5.7
Bakery products	11.3	11.3	11.7	.5	- 3.1
Beverages	10.8	10.4	11.0	3.4	- 2.0
Textile mill products	4.5	4.6	4.9	- 1.1	- 7.3
Apparel and other textile products	16.7	16.7	17.2	.4	- 2.6
Paper and allied products	35.5	35.6	38.4	- .4	- 7.5
Paper mills, except building paper	8.9	8.8	10.1	1.2	- 11.5
Misc. converted paper products	11.4	11.4	11.9	.0	- 3.7
Paperboard containers and boxes	11.8	12.0	12.9	- 1.3	- 8.4
Printing and publishing	63.6	64.2	66.1	- 1.0	- 3.8
Newspapers	19.4	19.3	19.3	.2	.1
Commercial printing	22.9	23.5	25.4	- 2.5	- 9.6
Chemicals and allied products	67.1	66.9	68.9	.3	- 2.6
Industrial inorganic chemicals	12.9	12.9	13.2	.4	- 1.8
Plastics materials and synthetics	9.1	9.2	9.9	- .5	- 7.6
Petroleum and coal products	13.5	13.4	14.7	1.0	- 8.0
Rubber and misc. plastics products	81.9	81.6	90.7	.3	- 9.7
Tires and inner tubes	22.1	22.3	25.0	- 1.0	- 11.7
Miscellaneous plastics products	40.2	39.9	44.9	.7	- 10.5
Leather and leather products	5.3	5.3	5.5	- .4	- 2.8

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JUNE 1982

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]	June 1982[b]	May 1982[c]	June 1981[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$412.09	$403.61	$397.44	40.6	40.2	41.4	$10.15	$10.04	$ 9.60
Durable Goods[d]	426.13	414.63	411.27	40.7	40.1	41.5	10.47	10.34	9.91
Lumber and wood products	284.26	284.47	265.07	39.1	39.4	39.8	7.27	7.22	6.66
Furniture and fixtures	291.33	287.51	280.76	39.0	38.8	39.6	7.47	7.41	7.09
Household furniture	259.35	256.41	242.89	39.0	38.5	38.8	6.65	6.66	6.26
Stone, clay, and glass products	375.77	372.20	348.02	40.8	40.5	40.8	9.21	9.19	8.53
Glass and glassware, pressed or blown.	383.90	366.15	361.20	39.7	38.3	40.0	9.67	9.56	9.03
Structural clay products	293.34	292.93	277.57	41.2	41.2	41.0	7.12	7.11	6.77
Pottery and related products	302.63	295.64	275.08	38.7	38.0	38.1	7.82	7.78	7.22
Primary metal industries	494.48	473.07	496.69	40.3	39.0	42.2	12.27	12.13	11.77
Blast furnace and basic steel products	518.50	487.12	543.15	39.4	37.1	42.5	13.16	13.13	12.78
Iron and steel foundries	476.64	477.88	451.02	40.6	41.7	41.8	11.74	11.46	10.79
Nonferrous rolling and drawing	505.12	483.09	478.58	41.1	39.5	40.8	12.29	12.23	11.73
Nonferrous foundries	351.24	352.35	341.94	40.7	41.6	41.7	8.63	8.47	8.20
Fabricated metal products	408.80	400.57	400.46	40.0	39.7	41.2	10.22	10.09	9.72
Cutlery, hand tools, and hardware	393.72	384.53	409.86	38.6	38.3	39.6	10.20	10.04	10.35
Plumbing and heating, except electric.	338.83	336.80	317.75	37.9	37.8	38.1	8.94	8.91	8.34
Fabricated structural metal products	347.92	354.28	337.66	37.9	38.3	39.4	9.18	9.25	8.57
Screw machine products, bolts, etc.	349.58	345.54	354.16	39.5	39.4	40.2	8.85	8.77	8.81
Metal forgings and stampings	505.36	485.44	501.12	41.8	41.0	43.5	12.09	11.84	11.52
Machinery, except electrical	401.79	387.29	393.12	40.3	39.6	41.6	9.97	9.78	9.45
Construction and related machinery	398.38	395.97	386.38	39.6	39.4	40.8	10.06	10.05	9.47
Metalworking machinery	377.33	376.94	380.26	38.7	38.9	40.8	9.75	9.69	9.32
Special industry machinery	388.38	368.24	368.49	42.4	40.6	42.6	9.16	9.07	8.65
General industrial machinery	390.45	389.65	381.10	39.4	39.2	40.2	9.91	9.94	9.48
Electric and electronic equipment	364.05	366.96	350.33	39.7	39.8	40.5	9.17	9.22	8.65
Electrical industrial apparatus	341.00	344.18	370.64	38.1	38.2	42.7	8.95	9.01	8.68
Household appliances	376.66	366.05	348.79	39.9	38.9	39.5	9.44	9.41	8.83
Electric lighting and wiring equipment	357.28	372.94	320.38	40.6	41.3	39.7	8.80	9.03	8.07
Communication equipment	390.00	393.61	367.46	39.0	39.4	39.3	10.00	9.99	9.35
Transportation equipment	543.84	522.22	492.20	44.0	42.7	43.1	12.36	12.23	11.42
Motor vehicles and equipment	580.11	553.78	520.78	44.9	43.4	43.8	12.92	12.76	11.89
Aircraft and parts	447.72	435.11	403.40	41.0	40.4	40.3	10.92	10.77	10.01
Instruments and related products	279.30	281.19	266.93	38.9	39.0	40.2	7.18	7.21	6.64
Measuring and controlling devices	275.04	279.80	272.28	38.2	38.7	40.7	7.20	7.23	6.69
Nondurable Goods[e]	380.16	377.21	359.98	40.4	40.3	41.0	9.41	9.36	8.78
Food and kindred products	386.91	385.40	357.62	40.9	41.0	41.2	9.46	9.40	8.68
Meat products	413.91	427.87	386.78	40.5	41.5	40.5	10.22	10.31	9.55
Dairy products	387.19	381.92	336.18	43.8	43.4	42.5	8.84	8.80	7.91
Bakery products	376.54	374.00	360.39	40.1	40.0	42.2	9.39	9.35	8.54
Beverages	338.07	324.70	331.27	37.9	37.8	40.3	8.92	8.59	8.22
Textile mill products	266.17	273.91	267.30	39.2	40.4	40.5	6.79	6.78	6.60
Apparel and other textile products	218.67	215.28	209.81	37.0	36.8	37.2	5.91	5.85	5.64
Paper and allied products	387.43	384.77	362.45	43.0	42.8	43.2	9.01	8.99	8.39
Paper mills, except building paper	488.05	494.56	461.27	47.2	47.6	48.3	10.34	10.39	9.55
Misc. converted paper products	333.30	330.46	313.29	40.4	40.3	40.9	8.25	8.20	7.66
Paperboard containers and boxes	357.86	351.07	324.24	42.3	41.4	41.2	8.46	8.48	7.87
Printing and publishing	355.26	358.45	348.91	37.2	37.3	38.3	9.55	9.61	9.11
Newspapers	325.62	332.59	319.34	32.4	32.8	33.9	10.05	10.14	9.42
Commercial printing	356.44	366.53	369.57	38.0	38.3	39.4	9.38	9.57	9.38
Chemicals and allied products	419.42	413.71	392.40	41.2	40.8	41.7	10.18	10.14	9.41
Industrial inorganic chemicals	440.84	434.68	419.20	41.2	40.7	41.3	10.70	10.68	10.15
Plastics materials and synthetics	461.10	450.88	422.38	43.5	42.9	43.1	10.60	10.51	9.80
Petroleum and coal products	582.82	606.15	515.31	43.3	44.9	42.8	13.46	13.50	12.04
Rubber and misc. plastics products	388.55	380.55	375.84	40.9	40.7	41.9	9.50	9.35	8.97
Tires and inner tubes	502.94	524.96	521.41	41.6	43.1	44.3	12.09	12.18	11.77
Miscellaneous plastics products	373.30	352.04	357.57	40.4	39.6	41.1	9.24	8.89	8.70
Leather and leather products	189.85	190.94	185.47	36.3	36.3	36.8	5.23	5.26	5.04

See footnotes at end of table.